

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 2, 2004, 13:32:04 ; Search time 31 Seconds
(without alignments)
3.617 Million cell updates/sec

Title: us-10-017-621-3

Perfect score: 1745

Sequence: 1 tggagcagcgttaagatg.....gttcactgcacattgtcc 1745

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 1627 seqs, 32127 residues

Total number of hits satisfying chosen parameters: 3254

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1634 summaries

Database : rnpdb.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	22.4	1.3	33	1	US-10-169-580-18
2	22.4	1.3	33	1	US-10-169-580-19
3	22	1.3	22	1	US-10-017-621-5
4	21.6	1.2	31	1	US-09-801-274-752
5	21	1.2	31	1	US-09-801-274-94
6	20.2	1.2	27	1	US-10-418-182-140
7	20	1.1	20	1	US-10-017-621-10
8	20	1.1	20	1	US-10-017-621-11
9	20	1.1	20	1	US-10-017-621-12
10	20	1.1	20	1	US-10-017-621-13
11	20	1.1	20	1	US-10-017-621-14
12	20	1.1	20	1	US-10-017-621-15
13	20	1.1	20	1	US-10-017-621-16
14	20	1.1	20	1	US-10-017-621-17
15	20	1.1	20	1	US-10-017-621-18
16	20	1.1	20	1	US-10-017-621-19
17	20	1.1	20	1	US-10-017-621-20
18	20	1.1	20	1	US-10-017-621-21
19	20	1.1	20	1	US-10-017-621-22
20	20	1.1	20	1	US-10-017-621-23
21	20	1.1	20	1	US-10-017-621-24
22	20	1.1	20	1	US-10-017-621-25
23	20	1.1	20	1	US-10-017-621-26
24	20	1.1	20	1	US-10-017-621-27
25	20	1.1	20	1	US-10-017-621-28
26	20	1.1	20	1	US-10-017-621-29
27	20	1.1	20	1	US-10-017-621-30
28	20	1.1	20	1	US-10-017-621-31
29	20	1.1	20	1	US-10-017-621-32
30	20	1.1	20	1	US-10-017-621-33
31	20	1.1	20	1	US-10-017-621-34
32	20	1.1	20	1	US-10-017-621-35
33	20	1.1	20	1	US-10-017-621-36

1	US-10-017-621-37	1	US-10-017-621-37	Sequence 37, Appl
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1.1	US-10-017-621-39	1.1	US-10-017-621-39	Sequence 39, Appl
20	US-10-017-621-40	20	US-10-017-621-40	Sequence 40, Appl
1.1	US-10-017-621-41	1.1	US-10-017-621-41	Sequence 41, Appl
20	US-10-017-621-42	20	US-10-017-621-42	Sequence 42, Appl
1.1	US-10-017-621-43	1.1	US-10-017-621-43	Sequence 43, Appl
20	US-10-017-621-44	20	US-10-017-621-44	Sequence 44, Appl
1.1	US-10-017-621-45	1.1	US-10-017-621-45	Sequence 45, Appl
20	US-10-017-621-46	20	US-10-017-621-46	Sequence 46, Appl
1.1	US-10-017-621-47	1.1	US-10-017-621-47	Sequence 47, Appl
20	US-10-017-621-48	20	US-10-017-621-48	Sequence 48, Appl
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20	US-10-017-621-54	20	US-10-017-621-54	Sequence 54, Appl
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1.1	US-10-017-621-57	1.1	US-10-017-621-57	Sequence 57, Appl
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1.1	US-10-017-621-59	1.1	US-10-017-621-59	Sequence 59, Appl
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20	US-10-017-621-64	20	US-10-017-621-64	Sequence 64, Appl
1.1	US-10-017-621-65	1.1	US-10-017-621-65	Sequence 65, Appl
20	US-10-017-621-66	20	US-10-017-621-66	Sequence 66, Appl
1.1	US-10-017-621-67	1.1	US-10-017-621-67	Sequence 67, Appl
20	US-10-017-621-68	20	US-10-017-621-68	Sequence 68, Appl
1.1	US-10-017-621-69	1.1	US-10-017-621-69	Sequence 69, Appl
20	US-10-017-621-70	20	US-10-017-621-70	Sequence 70, Appl
1.1	US-10-017-621-71	1.1	US-10-017-621-71	Sequence 71, Appl
20	US-10-017-621-72	20	US-10-017-621-72	Sequence 72, Appl
1.1	US-10-017-621-73	1.1	US-10-017-621-73	Sequence 73, Appl
20	US-10-017-621-74	20	US-10-017-621-74	Sequence 74, Appl
1.1	US-10-017-621-75	1.1	US-10-017-621-75	Sequence 75, Appl
20	US-10-017-621-76	20	US-10-017-621-76	Sequence 76, Appl
1.1	US-10-017-621-77	1.1	US-10-017-621-77	Sequence 77, Appl
20	US-10-017-621-78	20	US-10-017-621-78	Sequence 78, Appl
1.1	US-10-017-621-79	1.1	US-10-017-621-79	Sequence 79, Appl
20	US-10-017-621-80	20	US-10-017-621-80	Sequence 80, Appl
1.1	US-10-017-621-81	1.1	US-10-017-621-81	Sequence 81, Appl
20	US-10-017-621-82	20	US-10-017-621-82	Sequence 82, Appl
1.1	US-10-017-621-83	1.1	US-10-017-621-83	Sequence 83, Appl
20	US-10-017-621-84	20	US-10-017-621-84	Sequence 84, Appl
1.1	US-10-017-621-85	1.1	US-10-017-621-85	Sequence 85, Appl
20	US-10-017-621-86	20	US-10-017-621-86	Sequence 86, Appl
1.1	US-10-017-621-87	1.1	US-10-017-621-87	Sequence 87, Appl
25	US-10-098-263B-51207	25	US-10-098-263B-51207	Sequence 51207, A
19	US-10-098-263B-51208	19	US-10-098-263B-51208	Sequence 51208, A
1.1	US-10-017-621-6	1.1	US-10-017-621-6	Sequence 6, Appl
20	US-10-188-779A-28	20	US-10-188-779A-28	Sequence 28, Appl
1.1	US-10-188-779A-180	1.1	US-10-188-779A-180	Sequence 180, Appl
25	US-10-098-263B-39568	25	US-10-098-263B-39568	Sequence 39568, A
1.1	US-09-866-108-15295	1.1	US-09-866-108-15295	Sequence 15295, A
25	US-10-060-756A-3583	25	US-10-060-756A-3583	Sequence 3583, Ap
1.1	US-10-060-756A-3581	1.1	US-10-060-756A-3581	Sequence 3581, Ap
25	US-10-098-263B-102019	25	US-10-098-263B-102019	Sequence 102019, A
1.1	US-10-723-361-15295	1.1	US-10-723-361-15295	Sequence 15295, A
27	US-09-992-665-289	27	US-09-992-665-289	Sequence 289, App
25	US-09-866-108-15294	25	US-09-866-108-15294	Sequence 15294, A
1.1	US-09-866-108-15296	1.1	US-09-866-108-15296	Sequence 15296, A
25	US-10-060-756A-3580	25	US-10-060-756A-3580	Sequence 3580, Ap
1.1	US-10-098-263B-83985	1.1	US-10-098-263B-83985	Sequence 83985, A
25	US-10-098-263B-137250	25	US-10-098-263B-137250	Sequence 137250, A
1.1	US-10-723-361-15294	1.1	US-10-723-361-15294	Sequence 15294, A
25	US-10-723-361-15296	25	US-10-723-361-15296	Sequence 15296, A
1.1	US-10-115-482-123	1.1	US-10-115-482-123	Sequence 123, App
25	US-10-098-263B-39567	25	US-10-098-263B-39567	Sequence 39567, A

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199	14.4	17	1	US-10-060-756A-63	Sequence 63, Appl	472	14.2	0.8	20	1	US-09-791-406-66	Sequence 66, Appl
100	14.4	17	1	US-10-060-756A-64	Sequence 64, Appl	473	14.2	0.8	20	1	US-09-833-555-7	Sequence 7, Appl
101	14.4	17	1	US-10-163-552-249	Sequence 249, App	474	14.2	0.8	20	1	US-09-766-173C-6	Sequence 6, Appl
402	14.4	17	1	US-10-158-306-5004	Sequence 5004, Ap	C 475	14.2	0.8	20	1	US-09-766-173C-7	Sequence 7, Appl
403	14.4	17	1	US-10-238-700-301	Sequence 301, App	C 476	14.2	0.8	20	1	US-09-774-809-121	Sequence 121, App
404	14.4	17	1	US-10-260-638-183	Sequence 183, App	C 477	14.2	0.8	20	1	US-09-774-809-121	Sequence 69, Appl
405	14.4	17	1	US-10-260-638-184	Sequence 184, App	C 478	14.2	0.8	20	1	US-09-766-450-69	Sequence 3, Appl
406	14.4	17	1	US-10-209-787-2930	Sequence 2930, Ap	C 479	14.2	0.8	20	1	US-09-935-316-3	Sequence 73, Appl
407	14.4	17	1	US-10-209-787-2931	Sequence 2931, Ap	C 480	14.2	0.8	20	1	US-09-919-197-73	Sequence 90, Appl
408	14.4	17	1	US-10-261-185-2930	Sequence 2930, Ap	C 481	14.2	0.8	20	1	US-09-953-047-90	Sequence 2, Appl
409	14.4	17	1	US-10-261-185-2931	Sequence 2931, Ap	C 482	14.2	0.8	20	1	US-09-939-379B-2	Sequence 3, Appl
410	14.4	17	1	US-10-675-685-545	Sequence 545, App	C 483	14.2	0.8	20	1	US-09-972-607-86	Sequence 86, Appl
411	14.4	17	1	US-10-675-685-545	Sequence 545, App	C 484	14.2	0.8	20	1	US-09-961-001-73	Sequence 73, Appl
412	14.4	17	1	US-10-138-674-6740	Sequence 6740, Ap	C 485	14.2	0.8	20	1	US-09-961-755A-10	Sequence 10, Appl
413	14.4	17	1	US-10-138-674-6742	Sequence 6742, Ap	C 486	14.2	0.8	20	1	US-09-961-755A-11	Sequence 11, Appl
414	14.4	17	1	US-10-287-949A-6740	Sequence 6742, Ap	C 487	14.2	0.8	20	1	US-09-944-493-3	Sequence 3, Appl
415	14.4	17	1	US-10-287-949A-6742	Sequence 6742, Ap	C 488	14.2	0.8	20	1	US-09-843-377-49	Sequence 49, Appl
416	14.4	17	1	US-10-681-074-2931	Sequence 2931, Ap	C 489	14.2	0.8	20	1	US-09-781-712B-20	Sequence 20, Appl
417	14.4	17	1	US-10-681-074-2931	Sequence 2931, Ap	C 490	14.2	0.8	20	1	US-09-781-712B-20	Sequence 20, Appl
418	14.4	17	1	US-10-363-959-921	Sequence 921, App	C 491	14.2	0.8	20	1	US-10-199-559-2	Sequence 3, Appl
419	14.4	18	1	US-10-317-449-67	Sequence 19, Appl	C 492	14.2	0.8	20	1	US-10-199-559-3	Sequence 1, Appl
420	14.4	18	1	US-10-317-449-67	Sequence 67, Appl	C 493	14.2	0.8	20	1	US-10-105-211B-1	Sequence 18, Appl
421	14.4	18	1	US-10-388-263-172	Sequence 172, App	C 494	14.2	0.8	20	1	US-10-203-860-18	Sequence 32, Appl
422	14.4	18	1	US-10-349-143-5066	Sequence 5066, Ap	C 495	14.2	0.8	20	1	US-10-006-430-32	Sequence 86, Appl
423	14.4	19	1	US-10-318-628-9	Sequence 9, Appl	C 496	14.2	0.8	20	1	US-10-024-369-86	Sequence 24, Appl
424	14.4	19	1	US-10-318-628-9	Sequence 14, Appl	C 497	14.2	0.8	20	1	US-10-021-707-24	Sequence 30, Appl
425	14.4	19	1	US-10-474-481A-34	Sequence 34, Appl	C 498	14.2	0.8	20	1	US-10-131-544-30	Sequence 30, Appl
426	14.4	20	1	US-09-898-361-105	Sequence 105, App	C 499	14.2	0.8	20	1	US-10-114-683A-30	Sequence 30, Appl
427	14.4	20	1	US-09-888-361-105	Sequence 105, App	C 500	14.2	0.8	20	1	US-10-430-196-99	Sequence 99, Appl
428	14.4	20	1	US-10-032-585-5572	Sequence 5572, Ap	C 501	14.2	0.8	20	1	US-10-141-029-12	Sequence 12, Appl
429	14.4	20	1	US-10-361-725A-24	Sequence 24, Appl	C 502	14.2	0.8	20	1	US-10-141-029-12	Sequence 12, Appl
430	14.4	20	1	US-10-436-715-90	Sequence 90, Appl	C 503	14.2	0.8	20	1	US-10-141-063-12	Sequence 12, Appl
431	14.4	20	1	US-10-215-821-54	Sequence 54, Appl	C 504	14.2	0.8	20	1	US-10-141-092-12	Sequence 12, Appl
432	14.4	20	1	US-10-418-251-8	Sequence 8, Appl	C 505	14.2	0.8	20	1	US-10-141-093-12	Sequence 12, Appl
433	14.4	20	1	US-10-238-994-85	Sequence 85, Appl	C 506	14.2	0.8	20	1	US-10-141-095-12	Sequence 12, Appl
434	14.4	20	1	US-10-238-994-192	Sequence 192, App	C 507	14.2	0.8	20	1	US-10-141-102-12	Sequence 12, Appl
435	14.4	20	1	US-10-671-074-64	Sequence 64, Appl	C 508	14.2	0.8	20	1	US-10-141-103-12	Sequence 12, Appl
436	14.4	20	1	US-10-718-948-4	Sequence 4, Appl	C 509	14.2	0.8	20	1	US-10-146-860-46	Sequence 46, Appl
437	14.4	20	1	US-10-671-395-766	Sequence 766, App	C 510	14.2	0.8	20	1	US-10-160-807-124	Sequence 124, App
438	14.4	20	1	US-10-671-395-992	Sequence 992, App	C 511	14.2	0.8	20	1	US-10-160-807-262	Sequence 262, App
439	14.4	20	1	US-09-765-081-326	Sequence 326, App	C 512	14.2	0.8	20	1	US-10-160-787-60	Sequence 60, Appl
440	14.4	21	1	US-09-881-032-24	Sequence 24, Appl	C 513	14.2	0.8	20	1	US-10-160-787-65	Sequence 65, Appl
441	14.4	21	1	US-10-184-085A-1062	Sequence 1062, Ap	C 514	14.2	0.8	20	1	US-10-160-787-68	Sequence 68, Appl
442	14.4	21	1	US-10-184-085A-1065	Sequence 1065, Ap	C 515	14.2	0.8	20	1	US-10-160-787-122	Sequence 122, App
443	14.4	21	1	US-10-184-085A-1099	Sequence 1099, Ap	C 516	14.2	0.8	20	1	US-10-160-787-126	Sequence 126, App
444	14.4	21	1	US-10-184-085A-1100	Sequence 1100, Ap	C 517	14.2	0.8	20	1	US-10-160-787-128	Sequence 128, App
445	14.4	21	1	US-10-184-085A-1102	Sequence 1102, Ap	C 518	14.2	0.8	20	1	US-10-159-856-24	Sequence 24, Appl
446	14.4	21	1	US-10-184-085A-1103	Sequence 1103, Ap	C 519	14.2	0.8	20	1	US-10-159-856-24	Sequence 61, Appl
447	14.4	21	1	US-10-786-720-13048	Sequence 13048, A	C 520	14.2	0.8	20	1	US-10-167-034-61	Sequence 127, App
448	14.4	21	1	US-10-786-720-13049	Sequence 13049, A	C 521	14.2	0.8	20	1	US-10-167-034-127	Sequence 32, Appl
449	14.4	21	1	US-10-786-720-13050	Sequence 13050, A	C 522	14.2	0.8	20	1	US-10-173-240-32	Sequence 39, Appl
450	14.4	21	1	US-10-786-720-13099	Sequence 13099, A	C 523	14.2	0.8	20	1	US-10-173-240-39	Sequence 66, Appl
451	14.4	21	1	US-10-786-720-13100	Sequence 13100, A	C 524	14.2	0.8	20	1	US-10-173-240-66	Sequence 72, Appl
452	14.4	21	1	US-10-786-720-13101	Sequence 13101, A	C 525	14.2	0.8	20	1	US-10-173-240-72	Sequence 5, Appl
453	14.4	22	1	US-09-912-680-1	Sequence 219, App	C 526	14.2	0.8	20	1	US-10-173-718-5	Sequence 11, Appl
454	14.2	19	1	US-09-908-594-51	Sequence 51, Appl	C 527	14.2	0.8	20	1	US-10-186-157-11	Sequence 106, App
455	14.2	19	1	US-09-844-653-113	Sequence 113, App	C 528	14.2	0.8	20	1	US-10-188-779A-106	Sequence 583, Ap
456	14.2	19	1	US-10-046-671B-11	Sequence 11, Appl	C 529	14.2	0.8	20	1	US-10-349-143-6583	Sequence 5779, Ap
457	14.2	19	1	US-10-109-799-1	Sequence 1, Appl	C 530	14.2	0.8	20	1	US-10-289-762-5779	Sequence 39, Appl
458	14.2	19	1	US-10-313-211-12	Sequence 12, Appl	C 531	14.2	0.8	20	1	US-10-211-908-39	Sequence 54, Appl
459	14.2	19	1	US-10-188-779A-13	Sequence 13, Appl	C 532	14.2	0.8	20	1	US-10-210-838-54	Sequence 86, Appl
460	14.2	19	1	US-10-380-236A-20	Sequence 20, Appl	C 533	14.2	0.8	20	1	US-10-210-838-54	Sequence 158, App
461	14.2	19	1	US-10-665-951-1680	Sequence 1680, Ap	C 534	14.2	0.8	20	1	US-10-628-841-86	Sequence 12, Appl
462	14.2	19	1	US-10-665-951-1680	Sequence 1680, Ap	C 535	14.2	0.8	20	1	US-10-141-021-12	Sequence 2, Appl
463	14.2	19	1	US-10-665-951-1680	Sequence 1680, Ap	C 536	14.2	0.8	20	1	US-10-623-880-2	Sequence 3, Appl
464	14.2	19	1	US-10-665-951-1680	Sequence 1680, Ap	C 537	14.2	0.8	20	1	US-10-623-880-3	Sequence 3, Appl
465	14.2	19	1	US-10-665-951-1680	Sequence 1680, Ap	C 538	14.2	0.8	20	1	US-10-345-444B-121	Sequence 121, App
466	14.2	19	1	US-10-665-951-1680	Sequence 1680, Ap	C 539	14.2	0.8	20	1	US-10-398-308-29	Sequence 29, Appl
467	14.2	19	1	US-10-665-951-1680	Sequence 1680, Ap	C 540	14.2	0.8	20	1	US-10-072-012-1149	Sequence 1149, Ap
468	14.2	20	1	US-09-923-517-99	Sequence 923, App	C 541	14.2	0.8	20	1	US-10-312-184A-44	Sequence 44, Appl
469	14.2	20	1	US-09-733-294A-89	Sequence 89, Appl	C 542	14.2	0.8	20	1	US-10-673-063-24	Sequence 24, Appl
470	14.2	20	1	US-09-961-663-2	Sequence 2, Appl	C 543	14.2	0.8	20	1	US-10-610-561-7	Sequence 7, Appl
471	14.2	20	1	US-09-961-663-3	Sequence 3, Appl	C 544	14.2	0.8	20	1	US-10-380-125-50	Sequence 50, Appl

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C 546	14.2	0.8	20	1	US-10-655-847-124	Sequence 124, App	619	14	17	1	US-10-675-685-541	Sequence 541, App
C 547	14.2	0.8	20	1	US-10-655-847-262	Sequence 262, App	620	14	17	1	US-10-675-685-542	Sequence 542, App
C 548	14.2	0.8	20	1	US-10-009-980B-2	Sequence 2, Appli	621	14	17	1	US-10-138-674-1954	Sequence 1954, Ap
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C 550	14.2	0.8	20	1	US-10-292-849-36	Sequence 36, Appl	623	14	17	1	US-10-138-674-3462	Sequence 3462, Ap
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c1149	13.4	0.8	17	1	US-10-287-949A-1988	Sequence 1988, Ap	c1222	13.4	0.8	20	1	US-10-415-463-26	Sequence 26, Appl
c1150	13.4	0.8	17	1	US-10-287-949A-4764	Sequence 4764, Ap	c1223	13.4	0.8	20	1	US-10-168-846-46	Sequence 46, Appl
c1151	13.4	0.8	17	1	US-10-287-949A-8569	Sequence 8569, Ap	c1224	13.4	0.8	20	1	US-10-168-846-53	Sequence 53, Appl
c1152	13.4	0.8	17	1	US-10-287-949A-9266	Sequence 9266, Ap	c1225	13.4	0.8	20	1	US-10-319-908-69	Sequence 69, Appl
c1153	13.4	0.8	17	1	US-10-669-841-791	Sequence 791, App	c1226	13.4	0.8	20	1	US-10-321-732-9	Sequence 9, Appl
c1154	13.4	0.8	17	1	US-10-669-841-1845	Sequence 1845, Ap	c1227	13.4	0.8	20	1	US-10-671-395-536	Sequence 536, App
c1155	13.4	0.8	17	1	US-10-669-841-2075	Sequence 2075, Ap	c1228	13.4	0.8	20	1	US-10-181-1748-64	Sequence 64, Appl
c1156	13.4	0.8	17	1	US-10-669-841-2076	Sequence 2076, Ap	c1229	13.4	0.8	20	1	US-10-663-452-19	Sequence 19, Appl
c1157	13.4	0.8	17	1	US-10-669-841-2077	Sequence 2077, Ap	c1230	13.4	0.8	20	1	US-10-641-455A-65	Sequence 65, Appl
c1158	13.4	0.8	17	1	US-10-669-841-3244	Sequence 3244, Ap	c1231	13.4	0.8	20	1	US-10-619-739-642	Sequence 65, Appl
c1159	13.4	0.8	17	1	US-10-669-841-6496	Sequence 6496, Ap	c1232	13.4	0.8	20	1	US-10-619-739-1311	Sequence 642, App
c1160	13.4	0.8	17	1	US-10-669-841-6497	Sequence 6497, Ap	c1233	13.4	0.8	20	1	US-10-835-208-74	Sequence 1311, Ap
c1161	13.4	0.8	17	1	US-10-723-361-66	Sequence 66, Appl	c1234	13.4	0.8	20	1	US-09-935-785-1	Sequence 74, Appl
c1162	13.4	0.8	17	1	US-10-723-361-67	Sequence 67, Appl	c1235	13.4	0.8	20	1	US-09-969-373-1757	Sequence 1, Appl
c1163	13.4	0.8	17	1	US-10-723-361-68	Sequence 68, Appl	c1236	13.4	0.8	20	1	US-09-969-373-1757	Sequence 1757, Ap
c1164	13.4	0.8	17	1	US-10-723-361-8896	Sequence 8896, Ap	c1237	13.4	0.8	20	1	US-09-969-373-2009	Sequence 2009, Ap
c1165	13.4	0.8	17	1	US-10-723-361-8897	Sequence 8897, Ap	c1238	13.4	0.8	20	1	US-09-969-373-2009	Sequence 56, Appl
c1166	13.4	0.8	17	1	US-10-723-361-8898	Sequence 8898, Ap	c1239	13.4	0.8	20	1	US-09-969-373-2009	Sequence 56, Appl
c1167	13.4	0.8	18	1	US-10-349-143-8777	Sequence 8777, Ap	c1240	13.4	0.8	20	1	US-09-969-373-2009	Sequence 129, App
c1168	13.4	0.8	18	1	US-09-969-373-1566	Sequence 1566, Ap	c1241	13.4	0.8	20	1	US-09-969-373-2009	Sequence 78, Appl
c1169	13.4	0.8	19	1	US-09-818-875-4375	Sequence 4375, Ap	c1242	13.4	0.8	20	1	US-09-969-373-2009	Sequence 109, App
c1170	13.4	0.8	19	1	US-10-166-218-4	Sequence 4, Appl	c1243	13.4	0.8	20	1	US-09-969-373-2009	Sequence 129, App
c1171	13.4	0.8	19	1	US-10-251-117-134	Sequence 134, App	c1244	13.4	0.8	20	1	US-09-969-373-2009	Sequence 29, Appl
c1172	13.4	0.8	19	1	US-10-251-117-383	Sequence 383, App	c1245	13.4	0.8	20	1	US-09-969-373-2009	Sequence 78, Appl
c1173	13.4	0.8	19	1	US-10-251-117-795	Sequence 795, App	c1246	13.4	0.8	20	1	US-09-969-373-2009	Sequence 4, Appl
c1174	13.4	0.8	19	1	US-10-251-117-1102	Sequence 1102, Ap	c1247	13.4	0.8	20	1	US-09-969-373-2009	Sequence 16, Appl
c1175	13.4	0.8	19	1	US-10-128-456-30	Sequence 30, Appl	c1248	13.4	0.8	20	1	US-09-969-373-2009	Sequence 9, Appl
c1176	13.4	0.8	19	1	US-10-209-787-4375	Sequence 4375, Ap	c1249	13.4	0.8	20	1	US-09-969-373-2009	Sequence 16, Appl
c1177	13.4	0.8	19	1	US-10-307-005-2707	Sequence 2707, Ap	c1250	13.4	0.8	20	1	US-09-969-373-2009	Sequence 26, Appl
c1178	13.4	0.8	19	1	US-10-261-185-4375	Sequence 4375, Ap	c1251	13.4	0.8	20	1	US-09-969-373-2009	Sequence 27, Appl
c1179	13.4	0.8	19	1	US-10-016-248-137	Sequence 137, App	c1252	13.4	0.8	20	1	US-09-969-373-2009	Sequence 36, Appl
c1180	13.4	0.8	19	1	US-10-444-795B-355	Sequence 355, App	c1253	13.4	0.8	20	1	US-09-969-373-2009	Sequence 44, Appl
c1181	13.4	0.8	19	1	US-10-469-552-10	Sequence 552, App	c1254	13.4	0.8	20	1	US-09-969-373-2009	Sequence 44, Appl
c1182	13.4	0.8	20	1	US-10-017-621-81	Sequence 81, Appl	c1255	13.4	0.8	20	1	US-09-969-373-2009	Sequence 174, App
c1183	13.4	0.8	20	1	US-10-159-856-69	Sequence 69, Appl	c1256	13.4	0.8	20	1	US-09-969-373-2009	Sequence 75, Appl
c1184	13.4	0.8	20	1	US-10-159-856-123	Sequence 123, App	c1257	13.4	0.8	20	1	US-09-969-373-2009	Sequence 176, App
c1185	13.4	0.8	20	1	US-09-754-167-52	Sequence 52, App	c1258	13.4	0.8	20	1	US-09-969-373-2009	Sequence 2336, Ap
c1186	13.4	0.8	20	1	US-09-791-942-26	Sequence 26, Appl	c1259	13.4	0.8	20	1	US-09-969-373-2009	Sequence 99, Appl
c1187	13.4	0.8	20	1	US-09-817-487A-3	Sequence 3, Appl	c1260	13.4	0.8	20	1	US-09-969-373-2009	Sequence 4931, Ap
c1188	13.4	0.8	20	1	US-09-863-049A-20	Sequence 20, Appl	c1261	13.4	0.8	20	1	US-09-969-373-2009	Sequence 5416, Ap
c1189	13.4	0.8	20	1	US-09-802-110B-83	Sequence 83, Appl	c1262	13.4	0.8	20	1	US-09-969-373-2009	Sequence 7245, Ap
c1190	13.4	0.8	20	1	US-09-919-197-74	Sequence 74, Appl	c1263	13.4	0.8	20	1	US-09-969-373-2009	Sequence 11482, A
c1191	13.4	0.8	20	1	US-09-745-167A-52	Sequence 52, Appl	c1264	13.4	0.8	20	1	US-09-969-373-2009	Sequence 42, Appl
c1192	13.4	0.8	20	1	US-10-010-920-93	Sequence 93, Appl	c1265	13.4	0.8	20	1	US-09-969-373-2009	Sequence 1470, Ap
c1193	13.4	0.8	20	1	US-10-187-586-5	Sequence 5, Appl	c1266	13.4	0.8	20	1	US-09-969-373-2009	Sequence 1470, Ap
c1194	13.4	0.8	20	1	US-10-008-721-93	Sequence 93, Appl	c1267	13.4	0.8	20	1	US-09-969-373-2009	Sequence 215, App
c1195	13.4	0.8	20	1	US-10-271-887-106	Sequence 106, App	c1268	13.4	0.8	20	1	US-09-969-373-2009	Sequence 299, App
c1196	13.4	0.8	20	1	US-10-001-076-162	Sequence 162, App	c1269	13.4	0.8	20	1	US-09-969-373-2009	Sequence 9, Appl
c1197	13.4	0.8	20	1	US-10-001-844-37	Sequence 37, Appl	c1270	13.4	0.8	20	1	US-09-969-373-2009	Sequence 26, Appl
c1198	13.4	0.8	20	1	US-10-151-481A-5	Sequence 5, Appl	c1271	13.4	0.8	20	1	US-09-969-373-2009	Sequence 38, Appl
c1199	13.4	0.8	20	1	US-10-139-604-9	Sequence 9, Appl	c1272	13.4	0.8	20	1	US-09-969-373-2009	Sequence 1691, Ap
c1200	13.4	0.8	20	1	US-10-238-442-65	Sequence 65, Appl	c1273	13.4	0.8	20	1	US-09-969-373-2009	Sequence 3385, Ap
c1201	13.4	0.8	20	1	US-10-032-585-5632	Sequence 5632, Ap	c1274	13.4	0.8	20	1	US-09-969-373-2009	Sequence 6, Appl

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275	13.2	0.8	19	1	US-09-952-522B-26	Sequence 26, Appl	cl1348	13.2	0.8	20	1	US-09-952-522B-24	Sequence 24, Appl
276	13.2	0.8	19	1	US-09-953-562-3	Sequence 3, Appl	1349	13.2	0.8	20	1	US-09-917-963-36	Sequence 36, Appl
277	13.2	0.8	19	1	US-09-864-426A-889	Sequence 889, App	1350	13.2	0.8	20	1	US-09-953-047-57	Sequence 57, Appl
278	13.2	0.8	19	1	US-09-864-426A-889	Sequence 889, App	1351	13.2	0.8	20	1	US-09-967-655-18	Sequence 18, Appl
279	13.2	0.8	19	1	US-10-005-338B-162	Sequence 162, App	1352	13.2	0.8	20	1	US-09-998-027-164	Sequence 164, App
280	13.2	0.8	19	1	US-10-226-992-46	Sequence 46, Appl	cl1353	13.2	0.8	20	1	US-09-918-026A-18	Sequence 18, Appl
281	13.2	0.8	19	1	US-10-226-992-129	Sequence 129, App	cl1354	13.2	0.8	20	1	US-09-864-636A-2495	Sequence 2495, Ap
282	13.2	0.8	19	1	US-10-218-969-29	Sequence 29, Appl	1355	13.2	0.8	20	1	US-09-972-607-59	Sequence 59, Appl
283	13.2	0.8	19	1	US-10-251-117-63	Sequence 63, Appl	cl1356	13.2	0.8	20	1	US-09-993-731-30	Sequence 30, Appl
284	13.2	0.8	19	1	US-10-251-117-312	Sequence 312, App	cl1357	13.2	0.8	20	1	US-09-961-001-63	Sequence 63, Appl
285	13.2	0.8	19	1	US-10-251-117-642	Sequence 642, App	cl1358	13.2	0.8	20	1	US-09-908-147-168	Sequence 168, App
286	13.2	0.8	19	1	US-10-261-117-949	Sequence 949, App	1359	13.2	0.8	20	1	US-09-851-871-26	Sequence 26, Appl
287	13.2	0.8	19	1	US-10-261-117-949	Sequence 949, App	cl1360	13.2	0.8	20	1	US-09-864-426A-2495	Sequence 2495, Ap
288	13.2	0.8	19	1	US-10-244-647-569	Sequence 381, App	cl1361	13.2	0.8	20	1	US-09-984-637-1	Sequence 1, Appl
289	13.2	0.8	19	1	US-10-244-647-569	Sequence 569, App	cl1362	13.2	0.8	20	1	US-10-025-167-29	Sequence 29, Appl
290	13.2	0.8	19	1	US-10-244-647-1027	Sequence 1027, Ap	cl1363	13.2	0.8	20	1	US-10-044-671-10	Sequence 10, Appl
291	13.2	0.8	19	1	US-10-244-647-1215	Sequence 1215, Ap	1364	13.2	0.8	20	1	US-10-044-671-10	Sequence 10, Appl
292	13.2	0.8	19	1	US-10-446-520-13	Sequence 13, Appl	cl1365	13.2	0.8	20	1	US-10-060-301-19	Sequence 19, Appl
293	13.2	0.8	19	1	US-10-349-143-9032	Sequence 9032, A	1366	13.2	0.8	20	1	US-10-111-119A-7	Sequence 7, Appl
294	13.2	0.8	19	1	US-10-349-143-11036	Sequence 11036, A	cl1367	13.2	0.8	20	1	US-10-044-671-10	Sequence 10, Appl
295	13.2	0.8	19	1	US-10-349-143-11495	Sequence 11495, A	cl1368	13.2	0.8	20	1	US-10-111-119A-7	Sequence 7, Appl
296	13.2	0.8	19	1	US-10-444-925-126	Sequence 126, App	1369	13.2	0.8	20	1	US-10-055-412B-23	Sequence 23, Appl
297	13.2	0.8	19	1	US-10-444-925-127	Sequence 127, App	cl1370	13.2	0.8	20	1	US-10-159-495-7	Sequence 7, Appl
298	13.2	0.8	19	1	US-10-206-705-87	Sequence 87, Appl	cl1371	13.2	0.8	20	1	US-10-181-107-121	Sequence 121, App
299	13.2	0.8	19	1	US-10-206-705-272	Sequence 272, App	cl1372	13.2	0.8	20	1	US-10-181-107-165	Sequence 165, App
300	13.2	0.8	19	1	US-10-148-641A-26	Sequence 26, Appl	1373	13.2	0.8	20	1	US-10-181-107-174	Sequence 174, App
301	13.2	0.8	19	1	US-10-653-416-12	Sequence 12, Appl	cl1374	13.2	0.8	20	1	US-10-181-107-174	Sequence 174, App
302	13.2	0.8	19	1	US-10-606-133-260	Sequence 260, App	cl1375	13.2	0.8	20	1	US-10-181-846-74	Sequence 74, Appl
303	13.2	0.8	19	1	US-10-788-318-38	Sequence 38, Appl	cl1376	13.2	0.8	20	1	US-10-061-269-18	Sequence 18, Appl
304	13.2	0.8	19	1	US-10-665-951-1028	Sequence 1028, Ap	1377	13.2	0.8	20	1	US-10-159-322-7	Sequence 7, Appl
305	13.2	0.8	19	1	US-10-665-951-1095	Sequence 1095, Ap	cl1378	13.2	0.8	20	1	US-10-159-322-7	Sequence 7, Appl
306	13.2	0.8	19	1	US-10-665-951-1352	Sequence 1352, Ap	cl1379	13.2	0.8	20	1	US-10-006-430-27	Sequence 27, Appl
307	13.2	0.8	19	1	US-10-665-951-1419	Sequence 1419, Ap	1380	13.2	0.8	20	1	US-10-006-430-27	Sequence 27, Appl
308	13.2	0.8	19	1	US-10-665-951-1577	Sequence 1577, Ap	cl1381	13.2	0.8	20	1	US-10-232-561-4	Sequence 4, Appl
309	13.2	0.8	19	1	US-10-665-951-1584	Sequence 1584, Ap	1382	13.2	0.8	20	1	US-10-006-366-38	Sequence 38, Appl
310	13.2	0.8	19	1	US-10-665-951-1686	Sequence 1686, Ap	cl1383	13.2	0.8	20	1	US-10-006-366-38	Sequence 38, Appl
311	13.2	0.8	19	1	US-10-665-951-1729	Sequence 1729, Ap	1384	13.2	0.8	20	1	US-10-007-010-86	Sequence 86, Appl
312	13.2	0.8	19	1	US-10-665-951-1824	Sequence 1824, Ap	cl1385	13.2	0.8	20	1	US-10-290-473-34	Sequence 34, Appl
313	13.2	0.8	19	1	US-10-665-951-1831	Sequence 1831, Ap	1386	13.2	0.8	20	1	US-10-290-473-34	Sequence 34, Appl
314	13.2	0.8	19	1	US-10-665-951-1933	Sequence 1933, Ap	cl1387	13.2	0.8	20	1	US-10-348-485-44	Sequence 44, Appl
315	13.2	0.8	19	1	US-10-665-951-1976	Sequence 1976, Ap	1388	13.2	0.8	20	1	US-10-320-095-5	Sequence 5, Appl
316	13.2	0.8	19	1	US-10-715-117-13	Sequence 13, Appl	cl1389	13.2	0.8	20	1	US-10-376-566-32	Sequence 32, Appl
317	13.2	0.8	19	1	US-10-715-117-14	Sequence 14, Appl	1390	13.2	0.8	20	1	US-10-255-478-39	Sequence 39, Appl
318	13.2	0.8	20	1	US-08-911-824-100	Sequence 100, App	cl1391	13.2	0.8	20	1	US-10-133-779-169	Sequence 169, App
319	13.2	0.8	20	1	US-09-870-725-12	Sequence 12, Appl	1392	13.2	0.8	20	1	US-10-133-779-169	Sequence 169, App
320	13.2	0.8	20	1	US-09-820-198-4	Sequence 4, Appl	cl1393	13.2	0.8	20	1	US-10-114-544-18	Sequence 18, Appl
321	13.2	0.8	20	1	US-09-854-883-363	Sequence 363, App	1394	13.2	0.8	20	1	US-10-178-738-4	Sequence 4, Appl
322	13.2	0.8	20	1	US-09-841-366A-17	Sequence 17, Appl	cl1395	13.2	0.8	20	1	US-10-020-721-6	Sequence 6, Appl
323	13.2	0.8	20	1	US-09-841-366A-18	Sequence 18, Appl	1396	13.2	0.8	20	1	US-10-305-810-18	Sequence 18, Appl
324	13.2	0.8	20	1	US-09-820-339A-48	Sequence 48, Appl	cl1397	13.2	0.8	20	1	US-10-262-666-37	Sequence 37, Appl
325	13.2	0.8	20	1	US-09-855-585-8	Sequence 8, Appl	1398	13.2	0.8	20	1	US-10-314-810-17	Sequence 17, Appl
326	13.2	0.8	20	1	US-09-850-351A-70	Sequence 70, Appl	cl1399	13.2	0.8	20	1	US-10-314-810-48	Sequence 48, Appl
327	13.2	0.8	20	1	US-09-850-351A-116	Sequence 116, App	1400	13.2	0.8	20	1	US-10-417-719-15	Sequence 15, Appl
328	13.2	0.8	20	1	US-09-866-866A-16	Sequence 16, Appl	cl1401	13.2	0.8	20	1	US-10-032-585-4081	Sequence 4081, Ap
329	13.2	0.8	20	1	US-09-731-457B-27	Sequence 27, Appl	1402	13.2	0.8	20	1	US-10-463-518-18	Sequence 4186, Ap
330	13.2	0.8	20	1	US-09-895-040A-5	Sequence 5, Appl	cl1403	13.2	0.8	20	1	US-10-032-585-4350	Sequence 4350, Ap
331	13.2	0.8	20	1	US-09-800-629A-7	Sequence 7, Appl	1404	13.2	0.8	20	1	US-10-032-585-4350	Sequence 2495, Ap
332	13.2	0.8	20	1	US-09-815-153-21	Sequence 21, Appl	cl1405	13.2	0.8	20	1	US-10-084-839-2495	Sequence 89, Appl
333	13.2	0.8	20	1	US-09-969-373-3055	Sequence 3055, Ap	1406	13.2	0.8	20	1	US-10-165-099-164	Sequence 164, App
334	13.2	0.8	20	1	US-09-832-659-15	Sequence 15, Appl	cl1407	13.2	0.8	20	1	US-10-276-401-48	Sequence 48, Appl
335	13.2	0.8	20	1	US-09-832-659-35	Sequence 35, Appl	1408	13.2	0.8	20	1	US-10-080-979-52	Sequence 52, Appl
336	13.2	0.8	20	1	US-09-863-806-14	Sequence 14, Appl	cl1410	13.2	0.8	20	1	US-10-448-836-25	Sequence 18, Appl
337	13.2	0.8	20	1	US-09-863-806-46	Sequence 46, Appl	cl1411	13.2	0.8	20	1	US-10-448-836-81	Sequence 25, Appl
338	13.2	0.8	20	1	US-09-824-322B-304	Sequence 304, App	cl1412	13.2	0.8	20	1	US-10-148-835-133	Sequence 133, App
339	13.2	0.8	20	1	US-09-951-375A-27	Sequence 27, Appl	1413	13.2	0.8	20	1	US-10-182-230-177	Sequence 177, App
340	13.2	0.8	20	1	US-09-932-367A-105	Sequence 105, App	cl1415	13.2	0.8	20	1	US-10-136-145-29	Sequence 29, Appl
341	13.2	0.8	20	1	US-09-944-161-8	Sequence 8, Appl	1416	13.2	0.8	20	1	US-10-401-194-34	Sequence 34, Appl
342	13.2	0.8	20	1	US-09-948-909-14	Sequence 14, Appl	cl1417	13.2	0.8	20	1	US-10-055-624B-15	Sequence 15, Appl
343	13.2	0.8	20	1	US-09-948-909-46	Sequence 46, Appl	cl1418	13.2	0.8	20	1	US-10-360-510-363	Sequence 363, App
344	13.2	0.8	20	1	US-09-906-158-85	Sequence 85, Appl	cl1419	13.2	0.8	20	1	US-10-162-846-16	Sequence 16, Appl
345	13.2	0.8	20	1			1420	13.2	0.8	20	1	US-10-162-846-93	Sequence 93, Appl

567	13	0.7	17	1	US-09-740-332-4075	Sequence 4075, Ap
568	13	0.7	17	1	US-09-740-332-4076	Sequence 4076, Ap
569	13	0.7	17	1	US-09-792-818-250	Sequence 250, App
570	13	0.7	17	1	US-09-792-818-577	Sequence 577, App
571	13	0.7	17	1	US-09-817-879-479	Sequence 479, App
572	13	0.7	17	1	US-09-817-879-480	Sequence 480, App
573	13	0.7	17	1	US-09-817-879-4075	Sequence 4075, Ap
574	13	0.7	17	1	US-09-817-879-4076	Sequence 4076, Ap
575	13	0.7	17	1	US-10-675-685-540	Sequence 540, App
576	13	0.7	17	1	US-10-138-674-2069	Sequence 2069, Ap
577	13	0.7	17	1	US-10-138-674-3449	Sequence 3449, Ap
578	13	0.7	17	1	US-10-138-674-3461	Sequence 3461, Ap
579	13	0.7	17	1	US-10-138-674-6704	Sequence 6704, Ap
580	13	0.7	17	1	US-10-138-674-6819	Sequence 6819, Ap
581	13	0.7	17	1	US-10-287-949A-2069	Sequence 2069, Ap
582	13	0.7	17	1	US-10-287-949A-3449	Sequence 3449, Ap
583	13	0.7	17	1	US-10-287-949A-3461	Sequence 3461, Ap
584	13	0.7	17	1	US-10-287-949A-6704	Sequence 6704, Ap
585	13	0.7	17	1	US-10-287-949A-6819	Sequence 6819, Ap
586	13	0.7	17	1	US-10-669-841-3072	Sequence 3072, Ap
587	13	0.7	17	1	US-10-669-841-3073	Sequence 3073, Ap
588	13	0.7	17	1	US-10-669-841-6668	Sequence 6668, Ap
589	13	0.7	17	1	US-10-669-841-6669	Sequence 6669, Ap
590	13	0.7	17	1	US-10-314-857-207	Sequence 207, App
591	13	0.7	18	1	US-10-453-792-248	Sequence 248, App
592	13	0.7	18	1	US-10-665-951-1035	Sequence 1035, Ap
593	13	0.7	19	1	US-10-665-951-1359	Sequence 1359, Ap
594	13	0.7	20	1	US-09-735-995-47	Sequence 47, Appl
595	13	0.7	20	1	US-09-824-322B-80	Sequence 80, Appl
596	13	0.7	20	1	US-09-816-814-9	Sequence 9, Appl
597	13	0.7	20	1	US-09-151-376-33	Sequence 33, Appl
598	13	0.7	20	1	US-09-940-244-62	Sequence 62, Appl
599	13	0.7	20	1	US-09-989-643-45	Sequence 45, Appl
600	13	0.7	20	1	US-09-906-158-43	Sequence 43, Appl
601	13	0.7	20	1	US-09-910-185-80	Sequence 80, Appl
602	13	0.7	20	1	US-09-864-636A-255	Sequence 255, App
603	13	0.7	20	1	US-09-758-282-52	Sequence 52, Appl
604	13	0.7	20	1	US-09-964-059B-104	Sequence 104, App
605	13	0.7	20	1	US-09-851-871-66	Sequence 66, Appl
606	13	0.7	20	1	US-09-864-426A-255	Sequence 255, App
607	13	0.7	20	1	US-10-033-297-62	Sequence 62, Appl
608	13	0.7	20	1	US-10-145-493B-11	Sequence 11, Appl
609	13	0.7	20	1	US-10-016-149-17	Sequence 17, Appl
610	13	0.7	20	1	US-10-024-396-41	Sequence 41, Appl
611	13	0.7	20	1	US-10-139-089-33	Sequence 33, Appl
612	13	0.7	20	1	US-10-290-386-62	Sequence 62, Appl
613	13	0.7	20	1	US-10-084-839-255	Sequence 255, App
614	13	0.7	20	1	US-10-388-263-492	Sequence 492, App
615	13	0.7	20	1	US-10-094-886-272	Sequence 272, App
616	13	0.7	20	1	US-10-277-216-81	Sequence 81, Appl
617	13	0.7	20	1	US-10-277-216-176	Sequence 176, App
618	13	0.7	20	1	US-10-289-762-3020	Sequence 3020, Ap
619	13	0.7	20	1	US-10-289-762-3023	Sequence 3023, Ap
620	13	0.7	20	1	US-10-126-022-81	Sequence 81, Appl
621	13	0.7	20	1	US-10-126-022-176	Sequence 176, App
622	13	0.7	20	1	US-10-212-993-81	Sequence 81, Appl
623	13	0.7	20	1	US-10-444-206-66	Sequence 66, Appl
624	13	0.7	20	1	US-10-356-861-62	Sequence 62, Appl
625	13	0.7	20	1	US-10-670-184-70	Sequence 70, Appl
626	13	0.7	20	1	US-10-670-184-117	Sequence 117, App
627	13	0.7	20	1	US-10-696-708-47	Sequence 47, Appl
628	13	0.7	20	1	US-10-303-325-60	Sequence 60, Appl
629	13	0.7	20	1	US-10-303-325-130	Sequence 130, App
630	13	0.7	20	1	US-10-250-997-19	Sequence 19, Appl
631	13	0.7	20	1	US-10-652-795-80	Sequence 80, Appl
632	13	0.7	20	1	US-10-647-918-80	Sequence 80, Appl
633	13	0.7	20	1	US-10-619-739-455	Sequence 455, App
634	13	0.7	20	1	US-10-753-169-45	Sequence 45, Appl

ALIGNMENTS

RESULT 1		US-10-169-580-18		Sequence 18, Application US/10169580	
		Publication No. US20030100477A1		GENERAL INFORMATION:	
		APPLICANT: Yamanouchi Pharmaceutical Co., Ltd.		TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCTION	
		FILE REFERENCE: Q70898		CURRENT APPLICATION NUMBER: US/10/169,580	
		CURRENT FILING DATE: 2002-07-08		PRIOR APPLICATION NUMBER: 2000-131037	
		PRIOR FILING DATE: 2000-04-28		PRIOR APPLICATION NUMBER: PCT/JP01/03555	
		PRIOR FILING DATE: 2001-04-25		NUMBER OF SEQ ID NOS: 21	
		SOFTWARE: PatentIn version 3.1		SEQ ID NO 18	
		LENGTH: 33		TYPE: DNA	
		ORGANISM: Artificial Sequence		FEATURE:	
		OTHER INFORMATION: Primer		US-10-169-580-18	
		Query Match		1.3%; Score 22.4; DB 1; Length 33;	
		Best Local Similarity		81.2%; Pred. No. 24;	
		Matches		26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;	
QY	1018	GAGCTCAAGCTGGCTGACTTTGGCTGGCCG	1049		
Db	2	GAGCTGAATTGGCTAAATTTGGCTGGCTCG	33		
RESULT 2		US-10-169-580-19/c		Sequence 19, Application US/10169580	
		Publication No. US20030100477A1		GENERAL INFORMATION:	
		APPLICANT: Yamanouchi Pharmaceutical Co., Ltd.		TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCTION	
		FILE REFERENCE: Q70898		CURRENT APPLICATION NUMBER: US/10/169,580	
		CURRENT FILING DATE: 2002-07-08		PRIOR APPLICATION NUMBER: 2000-131037	
		PRIOR FILING DATE: 2000-04-28		PRIOR APPLICATION NUMBER: PCT/JP01/03555	
		PRIOR FILING DATE: 2001-04-25		NUMBER OF SEQ ID NOS: 21	
		SOFTWARE: PatentIn version 3.1		SEQ ID NO 19	
		LENGTH: 33		TYPE: DNA	
		ORGANISM: Artificial Sequence		FEATURE:	
		OTHER INFORMATION: Primer		US-10-169-580-19	
		Query Match		1.3%; Score 22.4; DB 1; Length 33;	
		Best Local Similarity		81.2%; Pred. No. 24;	
		Matches		26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;	
QY	1018	GAGCTCAAGCTGGCTGACTTTGGCTGGCCG	1049		
Db	32	GAGCTGAATTGGCTAAATTTGGCTGGCTCG	1		
RESULT 3		US-10-017-621-5/c		Sequence 5, Application US/10017621	
		Publication No. US20030138952A1		GENERAL INFORMATION:	
		APPLICANT: Susan M. Freier		APPLICANT: Susan M. Freier	
		APPLICANT: Mark P. Roach		APPLICANT: Mark P. Roach	

; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-017-621-5

Query Match 1.3%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 136 AAGAAGATCAACGGCAGCTGT 157

Db 22 AAGAAGATCAACGGCAGCTGT 1

RESULT 4

US-09-801-274-752
; Sequence 752, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 752
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-752

Query Match 1.2%; Score 21.6; DB 1; Length 31;
Best Local Similarity 80.0%; Pred. No. 32;
Matches 24; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 979 GACCTCAAGCCCAAGAACTGCTCATCAAC 1008

Db 2 GACATCAAGCCCAKAACTGCTGTGGAC 31

RESULT 5

US-09-801-274-94
; Sequence 94, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 94
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-94

Query Match 1.2%; Score 21; DB 1; Length 31;
Best Local Similarity 77.4%; Pred. No. 42;
Matches 24; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 577 GTCAGCCTATCTGAGATTGGCTTTGGAAAC 607

Db 1 GCCTCCCTGTGACACMTTGGCTTTGGAAAC 31

RESULT 6

US-10-418-182-140
; Sequence 140, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-140

Query Match 1.2%; Score 20.2; DB 1; Length 27;
Best Local Similarity 88.0%; Pred. No. 52;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 222 GGATGAGAGTGGTGGTGGCGGC 246

Db 3 GGTGGGGTGGTGGTGGCGGC 27

RESULT 7

US-10-017-621-10/c
; Sequence 10, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-10

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GCAGCGTAAAGGATGGACAG 25

Db 20 GCAGCGTAAAGGATGGACAG 1

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ULT 8
10-017-621-11/c
sequence 11, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-11
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
14 AAGGATGGACAGGAATGCAG 33
|||||
20 AAGGATGGACAGGAATGCAG 1

SULT 9
10-017-621-12/c
Sequence 12, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-12
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
27 AATGCAGAGGTAGGCAGGAG 46
|||||
20 AATGCAGAGGTAGGCAGGAG 1

SULT 10
10-017-621-13/c
Sequence 13, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-13
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
56 TGTGACTGCTGAAACCAGG 75
|||||
20 TGTGACTGCTGAAACCAGG 1

SULT 11
US-10-017-621-14/c
Sequence 14, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-14
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
48 ACCAGCAGTGTGACTGTGA 67
|||||
20 ACCAGCAGTGTGACTGTGA 1

SULT 12
US-10-017-621-15/c
Sequence 15, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-15
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
56 TGTGACTGCTGAAACCAGG 75
|||||
20 TGTGACTGCTGAAACCAGG 1

```

Query Match	1.1%	Score 20;	DB 1;	Length 20;	Best Local Similarity 100.0%;	Pred. No. 39;	Mismatches 0;	Indels 0;	Gaps 0;
QY	131	GGATGAAGAAGATCAAAACGG	150						
DB	20	GGATGAAGAAGATCAAAACGG	1						
<p>RESULT 16</p> <p>US-10-017-621-19/c</p> <p>; Sequence 19, Application US/10017621</p> <p>; Publication No. US20030138952A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Susan M. Freier</p> <p>; APPLICANT: Mark P. Roach</p> <p>; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION</p> <p>; FILE REFERENCE: RTS-0350</p> <p>; CURRENT APPLICATION NUMBER: US/10/017,621</p> <p>; CURRENT FILING DATE: 2001-12-07</p> <p>; NUMBER OF SEQ ID NOS: 89</p> <p>; SEQ ID NO 19</p> <p>; LENGTH: 20</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Artificial Sequence</p> <p>; FEATURE:</p> <p>; OTHER INFORMATION: Antisense Oligonucleotide</p> <p>US-10-017-621-19</p>									
Query Match	1.1%	Score 20;	DB 1;	Length 20;	Best Local Similarity 100.0%;	Pred. No. 39;	Mismatches 0;	Indels 0;	Gaps 0;
QY	138	GAAGATCAAAACGGCAGCTGT	157						
DB	20	GAAGATCAAAACGGCAGCTGT	1						
<p>RESULT 17</p> <p>US-10-017-621-20/c</p> <p>; Sequence 20, Application US/10017621</p> <p>; Publication No. US20030138952A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Susan M. Freier</p> <p>; APPLICANT: Mark P. Roach</p> <p>; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION</p> <p>; FILE REFERENCE: RTS-0350</p> <p>; CURRENT APPLICATION NUMBER: US/10/017,621</p> <p>; CURRENT FILING DATE: 2001-12-07</p> <p>; NUMBER OF SEQ ID NOS: 89</p> <p>; SEQ ID NO 20</p> <p>; LENGTH: 20</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Artificial Sequence</p> <p>; FEATURE:</p> <p>; OTHER INFORMATION: Antisense Oligonucleotide</p> <p>US-10-017-621-20</p>									
Query Match	1.1%	Score 20;	DB 1;	Length 20;	Best Local Similarity 100.0%;	Pred. No. 39;	Mismatches 0;	Indels 0;	Gaps 0;
QY	143	TCAAACGGCAGCTGTCAATG	162						
DB	20	TCAAACGGCAGCTGTCAATG	1						

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ULT 18
10-017-621-21/c
Sequence 21, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-21
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

149 GGCAGCTGTCAATGACACTC 168
|||||
20 GGCAGCTGTCAATGACACTC 1

RESULT 19
US-10-017-621-22/c
Sequence 22, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-22
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

155 TGTCAATGACACTCCGAGT 174
|||||
20 TGTCAATGACACTCCGAGT 1

RESULT 20
US-10-017-621-23/c
Sequence 23, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-23
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

169 CGAGGTGGCGGAGCATAGA 188
|||||
20 CGAGGTGGCGGAGCATAGA 1

RESULT 21
US-10-017-621-24/c
Sequence 24, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-24
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

181 GGCATAGACAAGACCAATGG 200
|||||
20 GGCATAGACAAGACCAATGG 1

RESULT 22
US-10-017-621-25/c
Sequence 25, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-25
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

269 CACGTGCTGCTCTGGGAA 288
|||||
20 CACGTGCTGCTCTGGGAA 1

RESULT 23

```



```
US-10-017-621-26/c
; Sequence 26, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-26
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 273 TGTGCTCCCTGGGAATTC 292
DB 20 TGTGCTCCCTGGGAATTC 1
RESULT 24
US-10-017-621-27/c
; Sequence 27, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-27
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 281 CTGGGGAATTCGTTCTGCA 300
DB 20 CTGGGGAATTCGTTCTGCA 1
RESULT 25
US-10-017-621-28/c
; Sequence 28, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-28/c
; Sequence 29, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-29
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 303 GGGCCCACTCAGCTCTGCAC 322
DB 20 GGGCCCACTCAGCTCTGCAC 1
RESULT 27
US-10-017-621-30/c
; Sequence 30, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-30
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 312 CAGCTCTGCACCAAGATTG 331
DB 20 CAGCTCTGCACCAAGATTG 1
RESULT 28
US-10-017-621-31/c
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-28
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 299 CACGGGGCCCACTCAGCTCT 318
DB 20 CACGGGGCCCACTCAGCTCT 1
RESULT 26
US-10-017-621-29/c
; Sequence 29, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-29
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 303 GGGCCCACTCAGCTCTGCAC 322
DB 20 GGGCCCACTCAGCTCTGCAC 1
RESULT 27
US-10-017-621-30/c
; Sequence 30, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-30
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 312 CAGCTCTGCACCAAGATTG 331
DB 20 CAGCTCTGCACCAAGATTG 1
RESULT 28
US-10-017-621-31/c
```

sequence 31, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-31
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 343 TTGAAGATGGGCTCTGATGG 362
|||||
Db 20 TTGAAGATGGGCTCTGATGG 1
RESULT 31
US-10-017-621-34/c
; Sequence 34, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-34
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 370 GACCAGGCTTCAGCCAGTC 389
|||||
Db 20 GACCAGGCTTCAGCCAGTC 1
RESULT 32
US-10-017-621-35/c
; Sequence 35, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-35
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 388 TCCTCGGATGAGTGCGAGTC 407
|||||
Db 20 TCCTCGGATGAGTGCGAGTC 1
RESULT 33
US-10-017-621-36/c
; Sequence 36, Application US/10017621

sequence 31, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-31
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 331 GTGCACGAGGACTTGAAGAT 350
|||||
Db 20 GTGCACGAGGACTTGAAGAT 1
RESULT 29
US-10-017-621-32/c
; Sequence 32, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-32
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 335 ACGAGGACTTGAAGATGGG 354
|||||
Db 20 ACGAGGACTTGAAGATGGG 1
RESULT 30
US-10-017-621-33/c
; Sequence 33, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-36

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      406 TCTCCAGTGAGAGTGCCTAT 425
      |||||||
Db      20 TCTCCAGTGAGAGTGCCTAT 1

RESULT 34
US-10-017-621-37/c
; Sequence 37, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-37

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      415 AGAGTGCCTATCGCAACCA 434
      |||||||
Db      20 AGAGTGCCTATCGCAACCA 1

RESULT 35
US-10-017-621-38/c
; Sequence 38, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-40/c

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      455 CTGAGGACATCAACAAGCGC 474
      |||||||
Db      20 CTGAGGACATCAACAAGCGC 1

RESULT 37
US-10-017-621-40/c
; Sequence 40, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-40

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      445 AAGATCTCCACTGAGGACAT 464
      |||||||
Db      20 AAGATCTCCACTGAGGACAT 1

RESULT 36
US-10-017-621-39/c
; Sequence 39, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-39

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      471 GCGCCTATCATCACCAGCTG 490
      |||||||
Db      20 GCGCCTATCATCACCAGCTG 1

RESULT 38
US-10-017-621-41/c
; Sequence 41, Application US/10017621
; Publication No. US20030138952A1
```

Tue Nov 2 13:39:14 2004

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GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 41
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-41

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

481 CTACGAGTGCATCCGGCT 500
|||||
20 CTACGAGTGCATCCGGCT 1

RESULT 39
-10-017-621-42/c
Sequence 42, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-42

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

493 ATCCGGCTGCCTGAGGCTA 512
|||||
20 ATCCGGCTGCCTGAGGCTA 1

RESULT 40
-10-017-621-43/c
Sequence 43, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-43
```

```
Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      499 CTGCCTGAGGGCTACCTGGA 518
|||||
DB      20 CTGCCTGAGGGCTACCTGGA 1

RESULT 41
US-10-017-621-44/c
Sequence 44, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-44

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      506 AGGCTACTCGGAGAGCTG 525
|||||
DB      20 AGGCTACTCGGAGAGCTG 1

RESULT 42
US-10-017-621-45/c
Sequence 45, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-45

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      519 GAAGCTGACCCCTCAATAGCC 538
|||||
DB      20 GAAGCTGACCCCTCAATAGCC 1

RESULT 43
US-10-017-621-46/c
Sequence 46, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
```

```

; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-46

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 566 GCCTCCGTCGTGTCAGCCTA 585
DB 20 GCCTCCGTCGTGTCAGCCTA 1

RESULT 44
US-10-017-621-47/c
; Sequence 47, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-47

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 606 ACTGGAGACCTACATTAAGC 625
DB 20 ACTGGAGACCTACATTAAGC 1

RESULT 45
US-10-017-621-48/c
; Sequence 48, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-48
```

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Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 614 CCTACATTAAAGCTGGACAAA 633
DB 20 CCTACATTAAAGCTGGACAAA 1

RESULT 46
US-10-017-621-49/c
; Sequence 49, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-49

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 GGC AAAAGCAAGCTCACAGA 686
DB 20 GGC AAAAGCAAGCTCACAGA 1

RESULT 47
US-10-017-621-50/c
; Sequence 50, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-50

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 693 TGTGGCACTCAAGGAGATCA 712
DB 20 TGTGGCACTCAAGGAGATCA 1

RESULT 48
US-10-017-621-51/c
; Sequence 51, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
```

10017621-3sl.rnpb

Tue Nov 2 13:39:14 2004

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APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 51
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-51

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

814 CACACGGAGAAGTCCCTCAC 833
|||||
20 CACACGGAGAAGTCCCTCAC 1

RESULT 51
US-10-017-621-54/c
; Sequence 54, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-54

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

952 TGCCACCGGCAGAGGTGCT 971
|||||
20 TGCCACCGGCAGAGGTGCT 1

RESULT 52
US-10-017-621-55/c
; Sequence 55, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-55

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

958 CGGCAGAGGTGCTACACCG 977
|||||
20 CGGCAGAGGTGCTACACCG 1

RESULT 53
US-10-017-621-56/c
; Sequence 56, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach

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; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-56

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 966 GGTGCTACACCGAGACTCA 985
   |||||
DB 20 GGTGCTACACCGAGACTCA 1

RESULT 54
US-10-017-621-57/c
; Sequence 57, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-57

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1114 GACATCTGCTGGGTCCAC 1133
   |||||
DB 20 GACATCTGCTGGGTCCAC 1

RESULT 55
US-10-017-621-58/c
; Sequence 58, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-58

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1114 GACATCTGCTGGGTCCAC 1133
   |||||
DB 20 GACATCTGCTGGGTCCAC 1

RESULT 56
US-10-017-621-59/c
; Sequence 59, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-59

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1207 TTTCGGGCTCCACGGTGA 1226
   |||||
DB 20 TTTCGGGCTCCACGGTGA 1

RESULT 57
US-10-017-621-60/c
; Sequence 60, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-60

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1225 GAGGAACAGCTACACTTCAT 1244
   |||||
DB 20 GAGGAACAGCTACACTTCAT 1

RESULT 58
US-10-017-621-61/c
; Sequence 61, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1121 TGCTTGGTCCACGACTAC 1140
   |||||
DB 20 TGCTTGGTCCACGACTAC 1

RESULT 56
US-10-017-621-59/c
; Sequence 59, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-59

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1207 TTTCGGGCTCCACGGTGA 1226
   |||||
DB 20 TTTCGGGCTCCACGGTGA 1

RESULT 57
US-10-017-621-60/c
; Sequence 60, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-60

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1225 GAGGAACAGCTACACTTCAT 1244
   |||||
DB 20 GAGGAACAGCTACACTTCAT 1

RESULT 58
US-10-017-621-61/c
; Sequence 61, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
```


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FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89

SEQ ID NO 61

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-017-621-61

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1232 AGCTACATTCATCTCCGT 1251

|||||
20 AGCTACATTCATCTCCGT 1

SULT 59

-10-017-621-62/c

Sequence 62, Application US/10017621

Publication No. US20030138952A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

FILE REFERENCE: RTS-0350

CURRENT APPLICATION NUMBER: US/10/017,621

CURRENT FILING DATE: 2001-12-07

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 62

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-017-621-62

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1280 GCCCAGGCATCTGTCCCAAC 1299

|||||
20 GCCCAGGCATCTGTCCCAAC 1

SULT 60

-10-017-621-63/c

Sequence 63, Application US/10017621

Publication No. US20030138952A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

FILE REFERENCE: RTS-0350

CURRENT APPLICATION NUMBER: US/10/017,621

CURRENT FILING DATE: 2001-12-07

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 63

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-017-621-63

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGGCATCTGTCCACGAGG 1303

|||||
Db 20 AGGCATCTGTCCACGAGG 1

RESULT 61

US-10-017-621-64/c

Sequence 64, Application US/10017621

Publication No. US20030138952A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

FILE REFERENCE: RTS-0350

CURRENT APPLICATION NUMBER: US/10/017,621

CURRENT FILING DATE: 2001-12-07

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 64

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-017-621-64

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1326 CAAGTACCGAGCGGCGCC 1345

|||||
Db 20 CAAGTACCGAGCGGCGCC 1

RESULT 62

US-10-017-621-65/c

Sequence 65, Application US/10017621

Publication No. US20030138952A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

FILE REFERENCE: RTS-0350

CURRENT APPLICATION NUMBER: US/10/017,621

CURRENT FILING DATE: 2001-12-07

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 65

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-017-621-65

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1391 TCACCAAGCTGTTCAGTTT 1410

|||||
Db 20 TCACCAAGCTGTTCAGTTT 1

RESULT 63

US-10-017-621-66/c

Sequence 66, Application US/10017621

Publication No. US20030138952A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

FILE REFERENCE: RTS-0350

; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-66

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1396 AAGCTGTTCAGTTTGAGGG 1415
|||
DB 20 AAGCTGTTCAGTTTGAGGG 1

RESULT 64

US-10-017-621-67/c

; Sequence 67, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-67

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1402 TTGCAGTTTGAGGTCGAAA 1421
|||
DB 20 TTGCAGTTTGAGGTCGAAA 1

RESULT 65

US-10-017-621-68/c

; Sequence 68, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:

; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-68

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1419 AAATCGGATCTCCGAGGG 1438
|||
DB 20 AAATCGGATCTCCGAGGG 1

RESULT 66

US-10-017-621-69/c

; Sequence 69, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-69

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1436 AGGATGCCATGAACATCCA 1455
|||
DB 20 AGGATGCCATGAACATCCA 1

RESULT 67

US-10-017-621-70/c

; Sequence 70, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-70

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1449 ACATCCATTCTCTCAGTC 1468
|||
DB 20 ACATCCATTCTCTCAGTC 1

RESULT 68

US-10-017-621-71/c

; Sequence 71, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621

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CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
EQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-71

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1457 TCTTCTCAGTCTGGGGGAG 1476
20 TCTTCTCAGTCTGGGGGAG 1

RESULT 69
US-10-017-621-72/c
Sequence 72, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-72

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1465 AGTCTGGGGGAGCGGATCCA 1484
20 AGTCTGGGGGAGCGGATCCA 1

RESULT 70
US-10-017-621-73/c
Sequence 73, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-73

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1476 GCGGATCCACAAACTTCCTG 1495

CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
EQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-71

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1457 TCTTCTCAGTCTGGGGGAG 1476
20 TCTTCTCAGTCTGGGGGAG 1

RESULT 71
US-10-017-621-74/c
Sequence 74, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-74

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1480 ATCCACAAACTTCCTGACAC 1499
20 ATCCACAAACTTCCTGACAC 1

RESULT 72
US-10-017-621-75/c
Sequence 75, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-75

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1490 TTCTCTGACACTTCCCATTA 1509
20 TTCTCTGACACTTCCCATTA 1

RESULT 73
US-10-017-621-76/c
Sequence 76, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
EQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-76

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1490 TTCTCTGACACTTCCCATTA 1509
20 TTCTCTGACACTTCCCATTA 1

```

```
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-76

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1506 CATATTGCACTAAAGGAGA 1525
      |||||||
Db 20 CATATTGCACTAAAGGAGA 1

RESULT 74
US-10-017-621-77/c
; Sequence 77, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-77

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1533 ACAAAAGGAGGCGCCTTC 1552
      |||||||
Db 20 ACAAAAGGAGGCGCCTTC 1

RESULT 75
US-10-017-621-78/c
; Sequence 78, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-78

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1543 GCCAGCCTTCGTCCTTC 1562
      |||||||
Db 20 GCCAGCCTTCGTCCTTC 1

RESULT 76
US-10-017-621-79/c
; Sequence 79, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-79

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1554 GTCTTCGTCGATGCTGACT 1573
      |||||||
Db 20 GTCTTCGTCGATGCTGACT 1

RESULT 77
US-10-017-621-80/c
; Sequence 80, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-80

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1558 TCGTCGATGCTGACTCAGG 1577
      |||||||
Db 20 TCGTCGATGCTGACTCAGG 1

RESULT 78
US-10-017-621-81/c
; Sequence 81, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-81
```

```

EQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-81

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1563 GATGCTGACTCAGGAGCC 1582
|||||
20 GATGCTGACTCAGGAGCC 1

RESULT 79
US-10-017-621-82/c
; Sequence 82, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-84
Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1603 ACCGAGTTCTAAGCCACAGA 1622
|||||
DB 20 ACCGAGTTCTAAGCCACAGA 1

RESULT 80
US-10-017-621-83/c
; Sequence 83, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-85
Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1582 CCAGCTTCCGCGGTGGGA 1601
|||||
20 CCAGCTTCCGCGGTGGGA 1

RESULT 81
US-10-017-621-84/c
; Sequence 84, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-86/c
Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1640 AGCGGCTGGAGGATGCCAC 1659
|||||
DB 20 AGCGGCTGGAGGATGCCAC 1

RESULT 82
US-10-017-621-85/c
; Sequence 85, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-86
Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1640 AGCGGCTGGAGGATGCCAC 1659
|||||
DB 20 AGCGGCTGGAGGATGCCAC 1

RESULT 83
US-10-017-621-86/c
; Sequence 86, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 86

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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-86

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1715 GCGTGACCATGTCACCTG 1734
   |||||
DB 20 GCGTGACCATGTCACCTG 1

RESULT 84
US-10-017-621-87/c
; Sequence 87, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-87

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1719 GAGCCATGTTCACTGCCCA 1738
   |||||
DB 20 GAGCCATGTTCACTGCCCA 1

RESULT 85
US-10-098-263B-51207/c
; Sequence 51207, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51207

Query Match
Best Local Similarity 1.1%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 686 ACAACCTTGTGGCACTCAGGAGA 709
   |||||
DB 25 ACAACCTTGTGGTACTGGAGGAGA 2

RESULT 86
US-10-098-263B-51208/c
; Sequence 51208, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51208
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51208

Query Match
Best Local Similarity 1.1%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 686 ACAACCTTGTGGCACTCAGGAGA 709
   |||||
DB 25 ACAACCTTGTGGTACTGGAGGAGA 2

RESULT 87
US-10-017-621-6
; Sequence 6, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-017-621-6

Query Match
Best Local Similarity 1.1%; Score 19; DB 1; Length 19;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 111 CCCGCCGATCGCCATGGAT 129
   |||||
DB 1 CCCGCCGATCGCCATGGAT 19

RESULT 88
US-10-188-779A-28/c
; Sequence 28, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobbie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 28
```

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-188-779A-28
Query Match 1.1%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1029 GGCTGACTTTGGCTGGCC 1047
20 GGCTGACTTTGGCTGGCC 2
RESULT 89
10-188-779A-180
Sequence 180, Application US/10188779A
Publication No. US20040005567A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
FILE REFERENCE: PFS-0042
CURRENT APPLICATION NUMBER: US/10/188,779A
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 282
SEQ ID NO 180
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
10-188-779A-180
Query Match 1.1%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1029 GGCTGACTTTGGCTGGCC 1047
1 GGCTGACTTTGGCTGGCC 19
SULT 90
10-098-263B-39568
Sequence 39568, Application US/10098263B
Publication No. US2003010410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 39568
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
10-098-263B-39568
Query Match 1.1%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 90;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1256 TAGGAACCCCAACTGAGGAGAC 1277
4 TAGGCACCTCCAACTGAGGAGAC 25

RESULT 91
US-09-866-108-15295
Sequence 15295, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 15295
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-15295
Query Match 1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 99;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 555 CCTCAGCCGCGCTCCGTCGTGTC 579
DB 1 CCTCATCTCTCCGCTCCATCGTGC 25
RESULT 92
US-10-060-756A-3581/C
Sequence 3581, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30

216 AGCCTGGATGAGAGTGGTGGTGGT 240

```

RESULT 95
US-10-723-361-15295
, Sequence 15295, Application US/10723361
, Publication No. US20040137589A1
, GENERAL INFORMATION:
, APPLICANT: GU, Yizhong
, APPLICANT: JI, Yonggang
, APPLICANT: PENN, Sharron G.
, APPLICANT: HANZEL, David K.
, APPLICANT: RANKZ, David R.
, APPLICANT: CHEN, Wensheng
, APPLICANT: SHANNON, Mark
, TITLE OF INVENTION: HUMAN MYOSIN-LIKE POL
, FILE REFERENCE: PH0105
, CURRENT APPLICATION NUMBER: US/10/723,361
, CURRENT FILING DATE: 2003-11-26
, PRIOR APPLICATION NUMBER: US 09/866,108
, PRIOR FILING DATE: 2001-05-25
, PRIOR APPLICATION NUMBER: US 60/207,456
, PRIOR FILING DATE: 2000-05-26
, PRIOR APPLICATION NUMBER: GB 24263.6
, PRIOR FILING DATE: 2000-10-04
, PRIOR APPLICATION NUMBER: US 60/236,359
, PRIOR FILING DATE: 2000-09-27
, PRIOR APPLICATION NUMBER: PCT/US01/006656
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00667
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00664
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00669
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00665
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00668
, PRIOR FILING DATE: 2001-01-30
, Remaining Prior Application data removed
, NUMBER OF SEQ ID NOS: 15755
, SOFTWARE: Aemica Sequence Listing Engine
, SEQ ID NO 15295
, LENGTH: 25

```

TYPE: DNA
ORGANISM: Homo sapiens
-10-723-361-15295

Query Match 1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 99;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

555 CCTCAGCGCGCTCCGTCGTGTC 579
||||| ||||| ||||| ||||| |||||
1 CCTCATCTCCGGCTCCATCGTGT 25

SULT 96

-09-992-665-289
Sequence 289, Application US/09992665
Publication No. US20030092009A1

GENERAL INFORMATION:

APPLICANT: Kaia Palm

TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE

FILE REFERENCE: CEMINES.002A

CURRENT APPLICATION NUMBER: US/09/992,665

CURRENT FILING DATE: 2001-11-13

PRIOR APPLICATION NUMBER: 60/249,508

PRIOR FILING DATE: 2000-11-16

NUMBER OF SEQ ID NOS: 380

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 289

LENGTH: 27

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Probe

-09-992-665-289

Query Match 1.0%; Score 18.2; DB 1; Length 27;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

921 CCTGTTCAGCTGCTCCGTGGCC 943
||||| ||||| ||||| ||||| |||||
3 CCTGTTCAGGTGCACCGTGGCC 25

SULT 97

-09-866-108-15294
Sequence 15294, Application US/09866108
Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aeomica Sequence Listing Engine
;; SEQ ID NO 15294
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-15294

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCTCCGTCGTGT 578
||||| ||||| ||||| ||||| |||||
DB 2 CCTCATCTCCGGCTCCATCGTGT 25

RESULT 98

US-09-866-108-15296
Sequence 15296, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30

```
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 15296
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapiens
; US-09-866-108-15296
```

```
Query Match      1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      556 CTCAGCGCGCTCCGTCGTGTC 579
Db      1 CTCATCTCCGGCTCCATGTC 24
|||||
```

```
RESULT 99
US-10-060-756A-3580/c
; Sequence 3580, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 3580
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapiens
; US-10-060-756A-3580
```

```
Query Match      1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      218 GCTCGATGAGAGTGGTGGTGG 241
Db      25 GCCAGGATGTTAGTGATGGTGG 2
|||||
```

```
RESULT 100
US-10-060-756A-3583/c
; Sequence 3583, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 3583
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapiens
; US-10-060-756A-3583
```

```
Query Match      1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      216 AGCCCTGGATGAGAGTGGTGG 239
Db      24 AGGCCAGGATGTTAGTGATGGTGG 1
|||||
```

```
RESULT 101
US-10-098-263B-83985/c
; Sequence 83985, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83985
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapien
; US-10-098-263B-83985
```

```
Query Match      1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1056 GTCATCCCAACAAGACATATCTC 1079
Db      25 GTCAAACCTAGAAAGACCTACTC 2
|||||
```

```
RESULT 102
US-10-098-263B-127250/c
; Sequence 127250, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
```

TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing
SEQ ID NO 127250
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
10-098-263B-127250

Db 2 CCTCATCTCCGGCTCCATCGTGT 25

RESULT 104

US-10-723-361-15296

Sequence 15296, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 15296

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-10-723-361-15296

Query Match 1.0%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred.No.1.6e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 556 CTCAGCCGCGCTCCGTCGTGTC 579

Db 1 CTCATCTCCGGCTCCATCGTGC 24

RESULT 105

US-10-115-482-123

Sequence 123, Application US/10115482

Publication No. US20030212257A1

GENERAL INFORMATION:

APPLICANT: Spytek, et al.

TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM

TITLE OF INVENTION: AND METHODS

TITLE OF INVENTION: OF USING THE SAME

FILE REFERENCE: 21404-322D

CURRENT APPLICATION NUMBER: US/10/115,482

CURRENT FILING DATE: 2002-04-05

PRIOR APPLICATION NUMBER: 60/281,086

PRIOR FILING DATE: 2001-04-03

PRIOR APPLICATION NUMBER: 60/281,136

```
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/285,325
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: 60/285,890
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: 60/286,068
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: 60/286,292
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: 60/287,213
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: 60/288,257
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/291,134
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/291,725
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: 60/294,771
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/296,965
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/299,128
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 149
; SEQ ID NO 123
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-115-482-123

Query Match 1.0%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 972 ACACGAGACCTCAGCCCGCA 995
Db 1 ATACCGAGACCTGAACCCACAA 24

RESULT 106
US-10-098-263B-39567
; Sequence 39567, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 39567
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-39567

Query Match 1.0%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 1.9e+02;
```

```
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1256 TAGGAACCCCACTGAGGAGAC 1277
Db 4 TAGGCACCTGCACTGAGGAGAC 25

RESULT 107
US-09-774-809-31/c
; Sequence 31, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-31

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCG 1049
Db 20 GACTTTGGCTGGCCCG 4

RESULT 108
US-09-774-809-42
; Sequence 42, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Synthetic Sequence
09-774-809-42

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1033 GACTTTGGCCTGGCCCG 1049
|||||
1 GACTTTGGCCTGGCCCG 17

SULT 109
-09-888-326-463/c

Sequence 463, Application US/09888326
Publication No. US20030026801A1

GENERAL INFORMATION:

APPLICANT: Weiner, George

APPLICANT: Hartmann, Gunther

TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer

FILE REFERENCE: C1039/7052 (AWS)

CURRENT APPLICATION NUMBER: US/09/888,326

CURRENT FILING DATE: 2001-06-22

PRIOR APPLICATION NUMBER: US 60/213,346

PRIOR FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 848

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 463

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide

NAME/KEY: misc feature

LOCATION: (0) - (0)

OTHER INFORMATION: phosphorothioate backbone

-09-888-326-463

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1033 GACTTTGGCCTGGCCCG 1049
|||||
20 GACTTTGGCCTGGCCCG 4

SULT 110

-09-776-479-311/c

Sequence 311, Application US/09776479

Publication No. US20030087848A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 311

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Sequence

-09-776-479-311

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1033 GACTTTGGCCTGGCCCG 1049
|||||
20 GACTTTGGCCTGGCCCG 4

RESULT 111

US-09-776-479-311/c

Sequence 311, Application US/09776479

Publication No. US20040067902A9

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 311

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Sequence

US-09-776-479-311

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCCTGGCCCG 1049
|||||
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 112

US-10-112-653-301/c

Sequence 301, Application US/10112653

Publication No. US20030050268A1

GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.

APPLICANT: Beig, Daniel J.

TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR

TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES

FILE REFERENCE: C01039/70060(AWS)

CURRENT APPLICATION NUMBER: US/10/112,653

CURRENT FILING DATE: 2002-03-29

PRIOR APPLICATION NUMBER: US 60/279,642

PRIOR FILING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 1040

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 301

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide

US-10-112-653-301

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCCTGGCCCG 1049
|||||

Db 20 GACTTTGGCCTGGCCCG 4

RESULT 113

US-10-017-995-311/c
; Sequence 311, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-311

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049

Db 20 GACTTTGGCCTGGCCCG 4

RESULT 114

US-10-314-578-311/c
; Sequence 311, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-311

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049

Db 20 GACTTTGGCCTGGCCCG 4

RESULT 115

US-10-345-444B-31/c

; Sequence 31, Application US/10345444B
; Publication No. US20040029823A1
; GENERAL INFORMATION:

; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-31

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049

Db 20 GACTTTGGCCTGGCCCG 4

RESULT 116

US-10-345-444B-42
; Sequence 42, Application US/10345444B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence

-10-345-444B-42

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1033 GACCTTGGCTGGCCCG 1049
|||||
1 GACTTTGGCTGGCCCG 17

SULT 117

-10-098-263B-48152/c
Sequence 48152, Application US/10098263B
Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 48152
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien

-10-098-263B-48152

Query Match 1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 232 GGTGCTGTGGCGCAGTGACCCCTG 256
Db 25 GTTGTCTGTCCGAAGTGGCCCTG 1

RESULT 120

US-10-291-808-73/c
Sequence 73, Application US/10291808
Publication No. US2003024382A1

GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John
APPLICANT: Trenkle, Thomas
TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
FILE REFERENCE: P-PH 3457
CURRENT APPLICATION NUMBER: US/10/291,808
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: US/09/300,958
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/083,331
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/098,070
PRIOR FILING DATE: 1998-08-27
PRIOR APPLICATION NUMBER: 60/118,624
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 85
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 73
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-291-808-73

Query Match 1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 531 CAATAGCCCCATCTTTTGACAGCCC 555
Db 25 CACTAGCAGCATCTTTTGAAGAGCAC 1

RESULT 121

US-10-016-248-132
Sequence 132, Application US/10016248
Publication No. US20040033491A1

GENERAL INFORMATION:
APPLICANT: Alsobrook et al.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-218

-10-345-444B-42

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1033 GACCTTGGCTGGCCCG 1049
|||||
1 GACTTTGGCTGGCCCG 17

SULT 117

-10-098-263B-48152/c
Sequence 48152, Application US/10098263B
Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 48152
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien

-10-098-263B-48152

Query Match 1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

787 AACATCGTTAGCTACATGACATTA 811
25 AATAAGTCACACTACAGACATTA 1

SULT 118

-10-098-263B-102020/c
Sequence 102020, Application US/10098263B
Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 102020
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien

-10-098-263B-102020

Query Match 1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

391 TCGGATGAGGTGCAGTCTCCAGTGA 415
25 TAGGATGAGGTGCAGTCTCCAGTGA 1

SULT 119

-10-098-263B-128708/c
Sequence 128708, Application US/10098263B
Publication No. US20030104410A1


```
; CURRENT APPLICATION NUMBER: US/10/016,248
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: 60/254,329
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/291,037
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/255,648
; PRIOR FILING DATE: 2000-12-14
; PRIOR APPLICATION NUMBER: 60/297,173
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/309,258
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/326,393
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/315,639
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 167
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 132
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; OTHER INFORMATION: primer
US-10-016-248-132

Query Match 1.0%; Score 17; DB 1; Length 26;
Best Local Similarity 80.8%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 767 TCAAGGACCTCAACACGCGCAACAT 791
| | | | | | | | | | | | | | | | | |
Db 2 TGAAGGCGCTTAACACCGCGCAACAT 26

RESULT 122
US-10-007-010-56/c
; Sequence 56, Application US/10007010
; Publication No. US20030125275A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
; FILE REFERENCE: RTS-0345
; CURRENT APPLICATION NUMBER: US/10/007,010
; CURRENT FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-56

Query Match 1.0%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1034 ACTTGGCTGGCGCGGACC 1053
| | | | | | | | | | | | | | | |
Db 20 ACTTGGCTGGCGCGGATC 1

RESULT 123
US-10-315-765-15/c
; Sequence 15, Application US/10315765
; Publication No. US20040110140A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
```

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; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-15

Query Match 1.0%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1030 GCTGACTTTGGCCTGGCCCG 1049
| | | | | | | | | | | | | | | |
Db 20 GCAGACTTTGGGCTGGCCCG 1

RESULT 124
US-10-323-463-3
; Sequence 3, Application US/10323463
; Publication No. US20030157693A1
; GENERAL INFORMATION:
; APPLICANT: VERDIN, ERIC
; APPLICANT: JORDAN, ALBERT
; TITLE OF INVENTION: CELL LINES WITH LATENT IMMUNODEFICIENCY
; TITLE OF INVENTION: VIRUS AND METHODS OF USE THEREOF
; FILE REFERENCE: UCAL-261
; CURRENT APPLICATION NUMBER: US/10/323,463
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 60/341,727
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-323-463-3

Query Match 1.0%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1051 GCCAGTCAATCCCAACAAGAC 1073
| | | | | | | | | | | | | | | |
Db 1 GCTAATTCATCCCAACAAGAC 23

RESULT 125
US-09-898-779-109/c
; Sequence 109, Application US/09898779
; Patent No. US20020106657A1
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rotter (Inventor)
; APPLICANT: Huilyang Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; TITLE OF INVENTION: NO. US20020106657A1-responsiveness to Statin Drug Treatment
; FILE REFERENCE: 18810-82302
; CURRENT APPLICATION NUMBER: US/09/898,779
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/347,114
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
```



```
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 15297
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-15297

Query Match          1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 557 TCAGCGCGCCCTCCGTCGTGC 579
Db 1 TCATCTCCGCGCTCATCGTGC 23

RESULT 130
US-09-827-998-1391
; Sequence 1391, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 15297
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-15297

Query Match          1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 557 TCAGCGCGCCCTCCGTCGTGC 579
Db 1 TCATCTCCGCGCTCATCGTGC 23

RESULT 130
US-09-827-998-1391
; Sequence 1391, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 15297
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-15297

Query Match          1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 557 TCAGCGCGCCCTCCGTCGTGC 579
Db 1 TCATCTCCGCGCTCATCGTGC 23

RESULT 130
US-09-827-998-1391
; Sequence 1391, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 15297
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-15297
```

```
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1391
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1391

Query Match          1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGAGGGAGAGCTCAAGC 1027
Db 3 CAGCAAGAGGAGAGAGGTCAAGC 25

RESULT 131
US-09-827-998-1392
; Sequence 1392, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1392
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1392

Query Match          1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGAGGGAGAGCTCAAGC 1027
Db 2 CAGCAAGAGGAGAGAGGTCAAGC 24

RESULT 132
US-09-827-998-1393
; Sequence 1393, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1393
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1393

Query Match          1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
```

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1005 CAACGAGAGGGAGAGCTCAAGC 1027
|||||
1 CAGCAAGAGGAGAGAGGTCAAGC 23

SULT 133

-10-060-756A-3579/c
Sequence 3579, Application US/10060756A
Publication No. US20030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/327,898

PRIOR FILING DATE: 2001-10-09

NUMBER OF SEQ ID NOS: 4804

SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 3579

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

-10-060-756A-3579

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

219 CCTGGATGAGAGTGGTGGTGGTG 241

|||||

25 CCAGGATGTTAGTGATGGTGGTG 3

SULT 134

-10-060-756A-3584/c

Sequence 3584, Application US/10060756A

Publication No. US20030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 3584

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-10-060-756A-3584

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 216 AGGCTGGATGAGAGTGGTGGTG 238

|||||

DB 23 AGCCAGGATGTTAGTGATGGTG 1

RESULT 135

US-10-215-112-12033/c

Sequence 12033, Application US/10215112

Publication No. US20030082596A1

GENERAL INFORMATION:

APPLICANT: Michael Mittmann

TITLE OF INVENTION: Method of Genetic Analysis of Probes:

TITLE OF INVENTION: Test3

FILE REFERENCE: 3119

CURRENT APPLICATION NUMBER: US/10/215,112

CURRENT FILING DATE: 2002-08-08

NUMBER OF SEQ ID NOS: 14936

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 12033

LENGTH: 25

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide

US-10-215-112-12033

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1136 ACTACTCCACTCAGATTGACATG 1158

|||||

DB 25 ACTACCACACTCAGTGTGACATG 3

RESULT 136

US-10-098-263B-47771/c

Sequence 47771, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:

APPLICANT: Mittman, Michael

TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 47771

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapien

US-10-098-263B-47771

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.8%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

-10-675-685-1393

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1005 CAACGAGAGGGGAGAGCTCAAGC 1027

||||| ||||| ||||| |||||

1 CAGCAAGAGGAGAGAGGCTCAAGC 23

SULT 142

-10-717-597-2421/c

Sequence 2421, Application US/10717597

Publication No. US20040110221A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Burczynski, Michael E.

APPLICANT: Twine, Natalie C.

APPLICANT: Dörner, Andrew J.

APPLICANT: Trepicchio, William L.

APPLICANT: Slonim, Donna K.

APPLICANT: Stover, Jennifer A.

TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS

FILE REFERENCE: AM101080L

CURRENT APPLICATION NUMBER: US/10/717,597

CURRENT FILING DATE: 2003-11-21

PRIOR APPLICATION NUMBER: US 60/459,782

PRIOR FILING DATE: 2003-04-03

PRIOR APPLICATION NUMBER: US 60/427,982

PRIOR FILING DATE: 2002-11-21

NUMBER OF SEQ ID NOS: 4904

SOFTWARE: PatentIn version 3.2

SEQ ID NO 2421

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

-10-717-597-2421

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

607 CTGAGACCTACATTAAAGCTGGA 629

||||| ||||| ||||| |||||

25 CTGTAGACTGACATTAAAGCAGA 3

SULT 143

-10-723-361-15293

Sequence 15293, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 15293
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-15293

Query Match 1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCGTCTGTG 577

||||| ||||| ||||| |||||

DB 3 CCTCATCTCCGCTCCATCGTG 25

RESULT 144

US-10-723-361-15297

Sequence 15297, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 15297

LENGTH: 25

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-15297

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Q/ 557 TCAGCGCGGCTCCGTCGTGTC 579
    ||||| ||||| ||||| |||||
Db 1 TCATCTCCGGCTCCTCATGTC 23

RESULT 145
US-10-066-965A-30
; Sequence 30, Application US/10066965A
; Publication No. US2003014362A1
; GENERAL INFORMATION:
; APPLICANT: COLAS, PIERRE
; APPLICANT: BRENT, ROGER
; APPLICANT: COHEN, BARAK A.
; TITLE OF INVENTION: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS
; FILE REFERENCE: EGYPT 3.0-015
; CURRENT APPLICATION NUMBER: US/10/066,965A
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-066-965A-30

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q/ 229 AGTGGTGGTGGTGGCGGC 246
    ||||| ||||| ||||| |||||
Db 3 AGCGGTGGTGGTGGCGGC 20

RESULT 146
US-10-177-554-47/c
; Sequence 47, Application US/10177554
; Publication No. US2003023591A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-47

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q/ 120 CGCCATGGATCGGATGAA 137
    ||||| ||||| ||||| |||||
Db 19 CGCCATGGCTCGGATGAA 2

RESULT 147
US-10-177-554-183
; Sequence 183, Application US/10177554
; Publication No. US2003023591A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 183
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-554-183

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q/ 120 CGCCATGGATCGGATGAA 137
    ||||| ||||| ||||| |||||
Db 2 CGCCATGGCTCGGATGAA 19

RESULT 148
US-10-098-263B-40306/c
; Sequence 40306, Application US/10098263B
; Publication No. US2003010410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 40306
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-40306

Query Match      0.9%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q/ 977 GAGACCTCAAGCCCCAGA 994
    ||||| ||||| ||||| |||||
Db 18 GAGACCTCTAGCCCCAGA 1

RESULT 149
US-09-828-034-31/c
; Sequence 31, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
```

SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
-09-828-034-31

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

230 GTGTTGGTGGTGGCGGCGAGTG 250
|||||
21 GTGTTGGTGGTGGTGGTGGTG 1

SULT 150
-09-726-774-65
Sequence 65, Application US/09726774
Patent No. US20020082226A1
GENERAL INFORMATION:
APPLICANT: Iversen, Patrick L.
TITLE OF INVENTION: Antisense Antibacterial Method and
TITLE OF INVENTION: Composition
FILE REFERENCE: 0450-0032.30
CURRENT APPLICATION NUMBER: US/09/726,774
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 60/168,150
PRIOR FILING DATE: 1999-11-29
NUMBER OF SEQ ID NOS: 139
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 65
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense oligomer
-09-726-774-65

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1439 ATGCCATGAACATCCATCT 1459
|||||
1 ATGTCATGCAACATCCACTCT 21

SULT 151
-10-184-085A-272/c
Sequence 272, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 272
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
3-10-184-085A-272

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

221 TGGATGAGAGTGGTGGTGGTG 241
|||||
21 TGGATGAGAGTGGGAGAGGTG 1

RESULT 152
US-10-156-995-213/c
; Sequence 213, Application US/10156995
; Publication No. US20030211486A1
; GENERAL INFORMATION:
; APPLICANT: FRUDAKIS, Tony N.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING POLYMORPHISMS ASSOCIATED W
; FILE REFERENCE: DN1140-7
; CURRENT APPLICATION NUMBER: US/10/156,995
; CURRENT FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: US 60/346,303
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: US 60/334,674
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/344,418
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: US 60/323,662
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US 60/310,781
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: US 60/300,187
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/293,560
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 213
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-156-995-213

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

863 TGAAGCAGTACCTGGATGACT 883
|||||
21 TGAAGCAGTACATGGGTGAGT 1

RESULT 153
US-10-719-633-65
; Sequence 65, Application US/10719633
; Publication No. US20040137485A1
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/10/719,633
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US/09/726,774
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/168,150
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 21

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligomer
US-10-719-633-65

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1439 ATGCGATGACATCCATCTCT 1459
Db 1 ATGTCATGCAACATCCACTCT 21

RESULT 154
US-10-239-504-26/c
; Sequence 26, Application US/10239504
; Publication No. US20040132018A1

; GENERAL INFORMATION:
; APPLICANT: NAGANO, MAKOTO
; APPLICANT: ITO, MAYUMI
; APPLICANT: SAGEHASHI, YUKIKO
; APPLICANT: HATTORI, HIROAKI
; APPLICANT: EGASHIRA, SHIZUYA
; APPLICANT: MATSUZAWA, YUJI
; TITLE OF INVENTION: METHOD OF DETECTING RISK FACTOR FOR THE ONSET OF
; TITLE OF INVENTION: ARTERIOSCLEROSIS
; FILE REFERENCE: Q72096
; CURRENT APPLICATION NUMBER: US/10/239,504
; CURRENT FILING DATE: 2003-08-06
; PRIOR APPLICATION NUMBER: PCT/JP01/02327
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: JP 2000-84264
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 26
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
US-10-239-504-26

Query Match 0.9%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCACTGAC 252
Db 22 GGTGGTGGTGGGGAACGTGAC 2

RESULT 155
US-10-731-739-567
; Sequence 567, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: Q32796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449

; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 567
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-567

Query Match 0.9%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 CTGAAGCAGTACCTGGATGAC 882
Db 1 CTGAACCACTACCTGTATGAC 21

RESULT 156
US-10-665-951-1046
; Sequence 1046, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MEH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 1046
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-665-951-1046

Query Match 0.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2.6e+02;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCGAG 1051
Db 1 GACUUGGCUUGGCCCGG 19

SULT 157
-10-665-951-1370/c
Sequence 1370, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MEHS02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1370
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
-10-665-951-1370
Query Match 0.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1033 GACTTTGGCTGGCCGAG 1051
|||||
19 GACTTTGGCTGGCCGCGG 1
3-10-181-846-35
Sequence 35, Application US/10181846
Publication No. US20030083297A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowseert
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTSP-0363
CURRENT APPLICATION NUMBER: US/10/181,846
CURRENT FILING DATE: 2002-07-17
PRIOR APPLICATION NUMBER: PCT/US01/01416
PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: 09/490,692
PRIOR FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176

; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-35

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGCGGCA 247
|||||
Db 2 ATTGGAGGTGGTGGCGCA 20

RESULT 159
US-10-066-965A-31/c
; Sequence 31, Application US/10066965A
; Publication No. US20030143626A1
; GENERAL INFORMATION:
; APPLICANT: COLAS, PIERRE
; APPLICANT: BRENT, ROGER
; APPLICANT: COHEN, BARAK A.
; TITLE OF INVENTION: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS
; FILE REFERENCE: EGYPT 3.0-015
; CURRENT APPLICATION NUMBER: US/10/066,965A
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-066-965A-31

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGCAGTG 250
|||||
Db 19 GGTGGTGGTGGCGCAGTG 1

RESULT 160
US-10-211-859-35
; Sequence 35, Application US/10211859
; Publication No. US20040022765A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAN GTPASE ACTIVATING PROTEIN 1 EXPRESSION
; FILE REFERENCE: HTS-0013
; CURRENT APPLICATION NUMBER: US/10/211,859
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-859-35

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
Oy 733 GCACCTGCACGCCATCC 751
||| ||||| |||||
Db 1 GCATCCTGCATCGCCATCC 19

RESULT 161
US-10-212-993-17/c
; Sequence 17, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQUIM EXPRESSION
; FILE REFERENCE: PTS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-212-993-17

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 233 GTGCTGTGGCGGAGTGA 251
||| ||||| |||||
Db 20 GTGATGATGGCGGAGTGA 2

RESULT 162
US-10-304-082-15/c
; Sequence 15, Application US/10304082
; Publication No. US20040102401A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF JAGGED 1 EXPRESSION
; FILE REFERENCE: PTS-0037
; CURRENT APPLICATION NUMBER: US/10/304,082
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-082-15

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 877 GATGACTGTGGGAACATCA 895
||| ||||| |||||
Db 20 GATAACTGTGGGAACATCA 2

RESULT 163
US-10-304-082-51
; Sequence 51, Application US/10304082
; Publication No. US20040102401A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
```

```
; TITLE OF INVENTION: MODULATION OF JAGGED 1 EXPRESSION
; FILE REFERENCE: PTS-0037
; CURRENT APPLICATION NUMBER: US/10/304,082
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-304-082-51

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 877 GATGACTGTGGGAACATCA 895
||| ||||| |||||
Db 1 GATAACTGTGGGAACATCA 19

RESULT 164
US-10-671-395-514/c
; Sequence 514, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp. K
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 514
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-514

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 507 GGGCTACCTGGAGAAGCTG 525
||| ||||| |||||
Db 19 GGCCTACCTGGGAAGCTG 1

RESULT 165
US-10-671-395-525/c
; Sequence 525, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp. K
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 525
; LENGTH: 20
; TYPE: DNA
```

ORGANISM: artificial

FEATURE:

OTHER INFORMATION: Human PGE2 antisense

-10-671-395-525

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

507 GGGCTACCTGGAGAGCTG 525

|||||

20 GGCCTACCTGGGAGAGCTG 2

SULT 166

-10-418-182-98

Sequence 98, Application US/10418182

Publication No. US20030228302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

FILE REFERENCE: 1551.2001-001

CURRENT APPLICATION NUMBER: US/10/418,182

CURRENT FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR FILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 98

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: oligonucleotide

-10-418-182-98

Query Match

Best Local Similarity 0.9%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

232 GGTGGTGGTGGCGGCGAGTG 250

|||||

1 GGTGGTGGTGGCGGCGAGTG 19

SULT 167

-10-114-270-392/c

Sequence 392, Application US/10114270

Publication No. US20040030110A1

GENERAL INFORMATION:

APPLICANT: Guo, Xiaojia

APPLICANT: Kekuda, Ramesh

APPLICANT: Miller, Charles E.

APPLICANT: Malyankar, Uriel M.

APPLICANT: Spyttek, Kimberly A.

APPLICANT: Patturajan, Meera

APPLICANT: Liu, Ziaohong

APPLICANT: Gusev, Vladimir Y.

APPLICANT: Li, Li

APPLICANT: Vernet, Corine

APPLICANT: Zerhusen, Bryan D.

APPLICANT: Gorman, Linda

APPLICANT: Shenoy, Suresh G.

APPLICANT: Pena, Carol E.A.

APPLICANT: Smithson, Glenna

APPLICANT: Burgess, Catherine E.

APPLICANT: Gerlach, Valerie

APPLICANT: Padicaru, Muralidhara

APPLICANT: Shimkets, Richard A.

APPLICANT: Gangolli, Esna A.

APPLICANT: Taupier Jr., Raymond J.

APPLICANT: Casman, Stacie J.

APPLICANT: Ji, Weizhen

APPLICANT: Anderson, David W.
APPLICANT: Liette, Mario W.
APPLICANT: Rastelli, Luca
APPLICANT: Edinger, Shlomit R.
APPLICANT: Stone, David J.
APPLICANT: MacDougall, John R.
APPLICANT: Rothenberg, Mark E.
TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-322C
CURRENT APPLICATION NUMBER: US/10/114,270
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: 60/281,086
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,136
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,863
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/281,906
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/282,020
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: 60/282,930
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/282,934
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/283,512
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/283,710
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/284,234
PRIOR FILING DATE: 2001-04-17
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 470
SEQ ID NO 392
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-114-270-392

Query Match 0.9%; Score 15.8; DB 1; Length 22;

Best Local Similarity 89.5%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 846 GTACCTGGACAGGACCTG 864

|||||

Db 20 GTACCTGGAGAGTACCTG 2

RESULT 168

US-09-864-636A-1777

Sequence 1777, Application US/09864636A

Publication No. US20030104378A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allwai, Hatim

APPLICANT: Bartholomay, Christian

APPLICANT: Chenak, LuAnne

TITLE OF INVENTION: Detection of RNA Sequences

FILE REFERENCE: FORS-04944

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1777

LENGTH: 23

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-09-864-636A-1777

Query Match 0.9%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 710 TCAGACTGGGAACATGAAGA 728
||| ||||| ||||| |||||
Db 3 TCATACCTGGAACATGTAGA 21

RESULT 169

US-09-864-426A-1777
; Sequence 1777, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Saisner, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1777
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1777

Query Match 0.9%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 710 TCAGACTGGGAACATGAAGA 728
||| ||||| ||||| |||||
Db 3 TCATACCTGGAACATGTAGA 21

RESULT 170

US-10-084-839-1777
; Sequence 1777, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lyamichieva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839

; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1777
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1777

Query Match 0.9%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 710 TCAGACTGGGAACATGAAGA 728
||| ||||| ||||| |||||
Db 3 TCATACCTGGAACATGTAGA 21

RESULT 171

US-10-007-574-5
; Sequence 5, Application US/10007574
; Publication No. US20030100107A1
; GENERAL INFORMATION:
; APPLICANT: PESCHLE, Cesare
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENERATING DIFFERENTIATED
; FILE REFERENCE: 9855-26U3
; CURRENT APPLICATION NUMBER: US/10/007,574
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/087,153
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 09/322,352
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-10-007-574-5

Query Match 0.9%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 47 GACCAGCAGTGTGACTGCTGAA 68
||| ||||| ||||| |||||
Db 1 GACAGGAGTGTGACCCTGAA 22

RESULT 172

US-09-940-185-3122
; Sequence 3122, Application US/09940185
; Publication No. US20030096239A1
; GENERAL INFORMATION:
; APPLICANT: Gunderson, Kevin
; APPLICANT: Chee, Mark
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides
; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3122
; LENGTH: 24

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Computer Generated Probe Sequence.
-09-940-185-3122

Query Match 0.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

542 TCCTTGACAAAGCCCTCAGCCG 563
||| ||||| ||||| |||||
3 TCCTGGACAGACCTCAACCG 24

SULT 173
-10-092-947A-20/c
Sequence 20, Application US/10092947A
Publication No. US20030134353A1
GENERAL INFORMATION:
APPLICANT: WOLFF, Anne M
APPLICANT: APPEL, Karen F
APPLICANT: PETERSEN, Jesper F
APPLICANT: POULSEN, Ulla
APPLICANT: ARNAU, Jose
APPLICANT: JACOBSEN, Mette D
TITLE OF INVENTION: MOCOR RECOMBINANT GENE EXPRESSION
FILE REFERENCE: WOLFF-3
CURRENT APPLICATION NUMBER: US/10/092,947A
CURRENT FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: US 60/274,650
PRIOR FILING DATE: 2001-03-12
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide primer
FEATURE:
NAME/KEY: misc feature
LOCATION: (7)-(7)
OTHER INFORMATION: n is a, c, g or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (13)-(13)
OTHER INFORMATION: n is a, c, g or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (19)-(19)
OTHER INFORMATION: n is a, c, g or t
-10-092-947A-20

Query Match 0.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 52.2%; Pred. No. 3.7e+02;
Matches 12; Conservative 7; Mismatches 4; Indels 0; Gaps 0;

974 ACCGAGACCTCAAGCCCAAGAAC 996
||| ||||| ||||| |||||
23 AYMGNGAYTNAARCCNGAAY 1

SULT 174
3-09-827-998-544
Sequence 544, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998

CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 544
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-544

Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGCAAGG 303
||||| ||||| ||||| |||||
Db 1 AACTTCGTTCTGCAAGG 17

RESULT 175
US-09-927-046-1499
; Sequence 1499, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: MCSwiggan, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1499
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1499

Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.7e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1573 TCAGGAGGCCAGCTTT 1589
: ||| ||||| ||||| |||||
Db 1 UCAAGCAGGCCAGCUUU 17

RESULT 176
US-10-675-685-544
; Sequence 544, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine

```
; SEQ ID NO 544
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-544

Query Match      0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGCACGG 303
Db 1 AACTTCGTTCTGCAAG 17

RESULT 177
US-10-138-674-8964
; Sequence 8964, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8964
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8964

Query Match      0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.7e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCTGGCC 1048
Db 1 UGACUUGGCUUGGCC 17

RESULT 178
US-10-287-949A-8964
; Sequence 8964, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8964
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8964

Query Match      0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.7e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1032 TGACTTTGGCTGGCC 1048
Db 1 UGACUUGGCUUGGCC 17

RESULT 179
US-10-189-940-59/c
; Sequence 59, Application US/10189940
; Publication No. US20030129613A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine
; APPLICANT: Shinkets, Richard
; APPLICANT: Anderson, David
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Bollog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Casman, Stacie
; APPLICANT: Rastelli, Luca
; TITLE OF INVENTION: No. US20030129613A1 Human Proteins and Polynucleotides Encoding
; FILE REFERENCE: 15966-546 CIP
; CURRENT APPLICATION NUMBER: US/10/189,940
; CURRENT FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/303,241
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/369,065
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 60/378,730
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: 09/965,212
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/966,545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/966,546
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/544,511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128,514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/186,592
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curasequist version 0.1
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-189-940-59

Query Match      0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 865 AAGCACTACTGGATCA 881
Db 20 AAGCAGGACCTGGATCA 4

RESULT 180
US-10-024-369-64/c
; Sequence 64, Application US/10024369
; Publication No. US20030134809A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC TRANSPORTER MHC 1 EXPRESSION
; FILE REFERENCE: RTS-0353
; CURRENT APPLICATION NUMBER: US/10/024,369
```

CURRENT FILING DATE: 2001-12-17
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 64
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-024-369-64

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

839 TCCTTGAGTACTGAC 855
18 TATTGAGTACTGAC 2

SULT 181
-10-109-349A-229
Sequence 229, Application US/10109349A
Publication No. US20030186246A1

GENERAL INFORMATION:
APPLICANT: Medical College of Ohio
APPLICANT: Willey, James C.
APPLICANT: Crawford, Erin L.
TITLE OF INVENTION: MULTIPLEX STANDARDIZED REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REACTION
TITLE OF INVENTION: METHOD FOR ASSESSMENT OF GENE EXPRESSION IN SMALL BIOLOGICAL SAMPLES
FILE REFERENCE: 01154/2001-203
CURRENT APPLICATION NUMBER: US/10/109,349A
CURRENT FILING DATE: 2002-06-12
NUMBER OF SEQ ID NOS: 282
SOFTWARE: Patent in version 3.1
SEQ ID NO 229
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-10-109-349A-229

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

825 GTCCCTCACCTTGCT 841
4 GTCCCTCCCTTGCT 20

SULT 182
-10-163-272-20/c
Sequence 20, Application US/10163272
Publication No. US20030224517A1

GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
FILE REFERENCE: RFS-0378
CURRENT APPLICATION NUMBER: US/10/163,272
CURRENT FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-163-272-20

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

510 CTACCTGGAGAGCTGA 526

Db 18 CTACCTGGAGAGCTGA 2

RESULT 183
US-10-163-272-97
Sequence 97, Application US/10163272
Publication No. US20030224517A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
FILE REFERENCE: RFS-0378
CURRENT APPLICATION NUMBER: US/10/163,272
CURRENT FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 97
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-163-272-97

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAGCTGA 526
Db 3 CTACCTGGAGAGCTGA 19

RESULT 184
US-10-174-319-20/c
Sequence 20, Application US/10174319
Publication No. US20030232771A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION
FILE REFERENCE: PTS-0018
CURRENT APPLICATION NUMBER: US/10/174,319
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 121
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-319-20

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 971 TACACCGAGACCTCAAG 987
Db 17 TACATCGAGACCTCAAG 1

RESULT 185
US-10-174-319-90
Sequence 90, Application US/10174319
Publication No. US20030232771A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION
FILE REFERENCE: PTS-0018
CURRENT APPLICATION NUMBER: US/10/174,319
CURRENT FILING DATE: 2002-06-17

; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-319-90

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 971 TACACGAGACCTCAAG 987
|||||
Do 4 TACATCGAGACCTCAAG 20

RESULT 186
US-10-177-554-23/c
; Sequence 23, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-23

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 857 AGGACCTGAAGCAGTAC 873
|||||
Do 19 AGGACCTGAAGAGTAC 3

RESULT 187
US-10-177-554-165
; Sequence 165, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-554-165

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 857 AGGACCTGAAGCAGTAC 873
|||||
Do 2 AGGACCTGAAGAGTAC 19

RESULT 188
US-10-210-589-27/c
; Sequence 27, Application US/10210589
; Publication No. US20040023381A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP2R1A EXPRESSION
; FILE REFERENCE: PFS-0041
; CURRENT APPLICATION NUMBER: US/10/210,589
; CURRENT FILING DATE: 2002-07-30
; NUMBER OF SEQ ID NOS: 122
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-589-27

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 513 CCTGGAGAGCTGACCC 529
|||||
Do 18 CCTAGAGAGCTGACCC 2

RESULT 189
US-10-428-275-418/c
; Sequence 418, Application US/10428275
; Publication No. US20040067505A1
; GENERAL INFORMATION:
; APPLICANT: Alvarez et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
; FILE REFERENCE: 21402-585
; CURRENT APPLICATION NUMBER: US/10/428,275
; CURRENT FILING DATE: 2003-05-01
; PRIOR APPLICATION NUMBER: 09/966545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/544511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 09/569269
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/619252
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185548
; PRIOR FILING DATE: 2000-02-25
; NUMBER OF SEQ ID NOS: 450
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 418
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-428-275-418

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 865 AAGCAGTACCTGATGA 881
|||||

20 AAGCAGGACCTGGATGA 4

SULT 190
-10-292-849-32/c
Sequence 32, Application US/10292849
Publication No. US20040092463A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
FILE REFERENCE: RTS-0170
CURRENT APPLICATION NUMBER: US/10/292,849
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-292-849-32

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

249 TGACCTGGAGGGCC 265
||| ||||| ||||| |||||
19 TGATCTGGAGGGCC 3

SULT 191
-10-292-849-102
Sequence 102, Application US/10292849
Publication No. US20040092463A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
FILE REFERENCE: RTS-0170
CURRENT APPLICATION NUMBER: US/10/292,849
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 102
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-292-849-102

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

249 TGACCTGGAGGGCC 265
||| ||||| ||||| |||||
2 TGATCTGGAGGGCC 18

SULT 192
-10-671-074-21/c
Sequence 21, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Ellison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shutter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203

PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-671-074-21

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1381 GCCGACCTCTCACCAC 1397
||||| ||||| ||||| |||||
DB 17 GCCGACCTCATCACCAC 1

RESULT 193
US-10-671-074-101
Sequence 101, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Ellison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shutter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203
PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 101
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-671-074-101

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1381 GCCGACCTCTCACCAC 1397
||||| ||||| ||||| |||||
DB 4 GCCGACCTCATCACCAC 20

RESULT 194
US-10-316-755-100
Sequence 100, Application US/10316755
Publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 100
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-755-100

Query Match 0.9%; Score 15.4; DB 1; Length 20;

```
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/663,452
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/163,272
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; US-10-663-452-97

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1038 TGGCTGGCCCGAGCCA 1054
      |||||
Db      4 TGGCTGGCCCGAGCCA 20

RESULT 195
US-10-316-755-231/c
; Sequence 231, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
; FILE REFERENCE: RTS-0381
; CURRENT APPLICATION NUMBER: US/10/316,755
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 277
; SEQ ID NO 231
; LENGTH: 20
; TYPE: DNA
; ORGANISM: R. norvegicus
; FEATURE:
; US-10-316-755-231

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1038 TGGCTGGCCCGAGCCA 1054
      |||||
Db      17 TGGCTGGCCCGAGCCA 1

RESULT 196
US-10-663-452-20/c
; Sequence 20, Application US/10663452
; Publication No. US20040132681A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/663,452
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/163,272
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-663-452-20

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 510 CTACCTGGAGAAGCTGA 526
      |||||
Db      18 CTACCTGGAGATGCTGA 2

RESULT 197
US-10-663-452-97
; Sequence 97, Application US/10663452
; Publication No. US20040132681A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
```

```
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/663,452
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/163,272
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; US-10-663-452-97

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 510 CTACCTGGAGAAGCTGA 526
      |||||
Db      3 CTACCTGGAGATGCTGA 19

RESULT 198
US-09-065-040-6/c
; Sequence 6, Application US/09065040
; Patent No. US20020099196A1
; GENERAL INFORMATION:
; APPLICANT: Hiraoka, Atsunobu
; APPLICANT: Sugimura, Atsushi
; APPLICANT: Mio, Hiroyuki
; TITLE OF INVENTION: HEMATOPOIETIC STEM CELL GROWTH FACTOR
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &
; ADDRESSEE: DUNNER, LLP
; STREET: 1300 I Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/065,040
; FILING DATE: 27-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 262252/1996
; FILING DATE: 27-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 087242/1997
; FILING DATE: 24-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/02349
; FILING DATE: 07-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fordis, Jean B.
; REGISTRATION NUMBER: 32,984
; REFERENCE/DOCKET NUMBER: 04853.0026-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
```

```
-09-065-040-6
Query Match          0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

614 CCTACATTAAAGCTGGAC 630
    ||| ||||| ||||| |||
19 CCTGCAATTAAAGCTGGAC 3

SULT 199
-10-002-309B-13
Sequence 13, Application US/10002309B
Publication No. US20020160433A1
GENERAL INFORMATION:
APPLICANT: WISCONSIN ALUMNI RESEARCH FOUNDATION
TITLE OF INVENTION: E. COLI O157:H7 C1 ESTERASE INHIBITOR-BINDING PROTEIN AND METHODS
FILE REFERENCE: 096429-9117
CURRENT APPLICATION NUMBER: US/10/002,309B
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 60/243,675
PRIORITY FILING DATE: 2000-10-26
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: Synthetic Oligonucleotide
:-10-002-309B-13

Query Match          0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1220 CGGTGGAGGACAGCTA 1236
    ||| ||||| ||||| |||
1 CGGTGGAGGACGGCTA 17

SULT 200
-10-361-002-13/c
Sequence 13, Application US/10361002
Publication No. US20040170954A1
GENERAL INFORMATION:
APPLICANT: Clearant, Inc.
APPLICANT: McKenney, Keith
APPLICANT: Gillmeister, Lidja
APPLICANT: Marlowe, Kristina
APPLICANT: Armistead, David
TITLE OF INVENTION: Pathogen Inactivation Assay
FILE REFERENCE: CI-0043
CURRENT APPLICATION NUMBER: US/10/361,002
CURRENT FILING DATE: 2003-02-10
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: B19 virus
:-10-361-002-13

Query Match          0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1226 AGGACAGCTACACTTC 1242
    ||| ||||| ||||| |||
19 AGGCACAGCTACACTTC 3

SULT 201
-10-361-004-13/c
Sequence 13, Application US/10361004
Publication No. US20040170981A1
GENERAL INFORMATION:
APPLICANT: Clearant, Inc.
APPLICANT: McKenney, Keith
APPLICANT: Gillmeister, Lidja
APPLICANT: Marlowe, Kristina
APPLICANT: Armistead, David
TITLE OF INVENTION: Real-Time Polymerase Chain Reaction Using Large Target Amplicons
FILE REFERENCE: CI-0042
CURRENT APPLICATION NUMBER: US/10/361,004
CURRENT FILING DATE: 2003-02-10
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: B19 virus
US-10-361-004-13

Query Match          0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1226 AGGACAGCTACACTTC 1242
    ||| ||||| ||||| |||
19 AGGCACAGCTACACTTC 3

RESULT 202
US-09-791-406-54/c
Sequence 54, Application US/09791406
Patent No. US20020147165A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Robert Rothlein
APPLICANT: Takashi Kei Kishimoto
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/791,406
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 54
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-406-54

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

540 CATCTTTGACAAAGCCCTCA 559
    ||| ||||| ||||| |||
20 CATCTTTGACAACTTCCTCA 1

RESULT 203
US-09-945-952A-9/c
Sequence 9, Application US/09945952A
Publication No. US20020177137A1
GENERAL INFORMATION:
APPLICANT: Hodge, Timothy A.
TITLE OF INVENTION: System for Automated Transgenic Screening
FILE REFERENCE: 023131.41500
CURRENT APPLICATION NUMBER: US/09/945,952A
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/230,371
PRIORITY FILING DATE: 2000-06-09
NUMBER OF SEQ ID NOS: 40
```

```
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus sp.
US-09-945-952A-9

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1593 CGTGGTGACACCGAGTTCT 1612
      ||||| ||||| |||||
Cb 20 CGTGGTGACACCGCGTTAT 1

RESULT 204
US-09-945-952A-40/c
; Sequence 40, Application US/09945952A
; Publication No. US20020177137A1
; GENERAL INFORMATION:
; APPLICANT: Hodge, Timothy A.
; TITLE OF INVENTION: System for Automated Transgenic Screening
; FILE REFERENCE: 023131.41500
; CURRENT APPLICATION NUMBER: US/09/945,952A
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 60/230,371
; PRIOR FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus sp.
US-09-945-952A-40

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1593 CGTGGTGACACCGAGTTCT 1612
      ||||| ||||| |||||
Cb 20 CGTGGTGACACCGCGTTAT 1

RESULT 205
US-09-961-077-1259/c
; Sequence 1259, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggan, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
```

```
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1259:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1259:
US-09-961-077-1259

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 377 CTTGAGCCAGTCTCGGAT 396
      ||||| ||||| |||||
Cb 20 CATGAGCCAGGATCGGAT 1

RESULT 206
US-09-760-285-40
; Sequence 40, Application US/09760285
; Publication No. US20030091997A1
; GENERAL INFORMATION:
; APPLICANT: Nicolaides, Nicholas C
; APPLICANT: Grasso, Luigi
; APPLICANT: Sass, Philip M
; TITLE OF INVENTION: CHEMICAL INHIBITORS OF MISMATCH REPAIR
; FILE REFERENCE: MOR-0017
; CURRENT APPLICATION NUMBER: US/09/760,285
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: primer
US-09-760-285-40

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1723 CATGTTCACTGCCCACTTG 1742
      ||||| ||||| |||||
Cb 1 CATGTTCACTGCCCACTG 20
```

```
SU1T 207
-09-918-026A-48
Sequence 48, Application US/09918026A
Publication No. US20030096772A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COA CHOLESTEROL ACYLTRANSFERASE-2 EX
FILE REFERENCE: ISPH-0588
CURRENT APPLICATION NUMBER: US/09/918,026A
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 65
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-918-026A-48

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

          938 GTGGCTGGCCTACTGCCAC 957
          1 GCGGCTGGCCACACGCCAC 20
          |||||
          |||||

SU1T 208
1-10-035-485A-60/c
Sequence 60, Application US/10035485A
Publication No. US20030105044A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MATRIX METALLOPROTEINASE 1 EXPRESSION
FILE REFERENCE: RTS-0139
CURRENT APPLICATION NUMBER: US/10/035,485A
CURRENT FILING DATE: 2001-10-17
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
1-10-035-485A-60

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

          962 AGAAGTGTCTACACCGAGAC 981
          20 AGAATGTCTACCGGATAC 1
          |||||
          |||||

SU1T 209
1-10-233-942-9/c
Sequence 9, Application US/10233942
Publication No. US20030165922A1
GENERAL INFORMATION:
APPLICANT: Hodge, Timothy et al
TITLE OF INVENTION: System for Automated Transgenic Screening
FILE REFERENCE: 023131.41500
CURRENT APPLICATION NUMBER: US/10/233,942
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: 60/230,371
PRIOR FILING DATE: 2000-06-09
NUMBER OF SEQ ID NOS: 40
SOFTWARE: Patentin version 3.1

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

          1593 CGTGGTGACACCCGAGTTCT 1612
          20 CGTGGTGACACCCGTTTAT 1
          |||||
          |||||

SU1T 210
US-10-233-942-40/c
Sequence 40, Application US/10233942
Publication No. US20030165922A1
GENERAL INFORMATION:
APPLICANT: Hodge, Timothy et al
TITLE OF INVENTION: System for Automated Transgenic Screening
FILE REFERENCE: 023131.41500
CURRENT APPLICATION NUMBER: US/10/233,942
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: 60/230,371
PRIOR FILING DATE: 2000-06-09
NUMBER OF SEQ ID NOS: 40
SOFTWARE: Patentin version 3.1
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: Mus sp.
US-10-233-942-40

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

          1593 CGTGGTGACACCCGAGTTCT 1612
          20 CGTGGTGACACCCGTTTAT 1
          |||||
          |||||

SU1T 211
US-10-238-442-29/c
Sequence 29, Application US/10238442
Publication No. US20030176383A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
FILE REFERENCE: ISPH-0488
CURRENT APPLICATION NUMBER: US/10/238,442
CURRENT FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 107
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-10-238-442-29

Query Match      0.9%; Score 15.2; DB 1; Length 20;
```

```
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 764 TGCTCAAGGACCTCAAAACAC 783
    ||||| ||||| ||||| |||||
Cb 20 TGCTCAGCACCTGAAGCAC 1

RESULT 212
US-10-380-931-172
; Sequence 172, Application US/10380931
; Publication No. US20030215944A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTSP-0187
; CURRENT APPLICATION NUMBER: US/10/380,931
; CURRENT FILING DATE: 2003-03-18
; PRIOR APPLICATION NUMBER: 09/676,610
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 172
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-931-172

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 950 ACTGCCACCGCAGAGGTG 969
    ||||| ||||| ||||| |||||
Cb 1 AATGCCACCGCAGAGGTG 20

RESULT 213
US-10-159-856-69
; Sequence 69, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobbie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRE
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-69

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1566 GCCTGACTCAGGCGCCAG 1585
    ||||| ||||| ||||| |||||
Cb 1 GCCAAACTCAGCCAGGCCAG 20

RESULT 214
US-10-159-856-123/c
; Sequence 123, Application US/10159856
```

```
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobbie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRE
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-123

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1566 GCCTGACTCAGGCGCCAG 1585
    ||||| ||||| ||||| |||||
Cb 20 GCCAAACTCAGCCAGGCCAG 1

RESULT 215
US-10-174-771-50
; Sequence 50, Application US/10174771
; Publication No. US2003023034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobbie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-50

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 585 ATCTGGATTGGCTTTGGGA 604
    ||||| ||||| ||||| |||||
Cb 1 ATCTGGATTGGCTCTGGAA 20

RESULT 216
US-10-174-771-120/c
; Sequence 120, Application US/10174771
; Publication No. US2003023034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobbie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-120

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
```

```
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

585 ATCTGAGATTGGCTTTGGGA 604
||||| ||||| ||||| |||||
20 ATCTGGGATTGGCTCTGGAA 1

SULT 217
-10-188-779A-50/c
Sequence 50, Application US/10188779A
Publication No. US20040005567A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
FILE REFERENCE: PTS-0042
CURRENT APPLICATION NUMBER: US/10/188,779A
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 282
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-188-779A-50
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1086 GGTGGTGACACTGTGTACC 1105
||||| ||||| ||||| |||||
20 GGTGTTCACACTCTGTACC 1

SULT 218
-10-188-779A-200
Sequence 200, Application US/10188779A
Publication No. US20040005567A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
FILE REFERENCE: PTS-0042
CURRENT APPLICATION NUMBER: US/10/188,779A
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 282
SEQ ID NO 200
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
-10-188-779A-200
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1086 GGTGGTGACACTGTGTACC 1105
||||| ||||| ||||| |||||
20 GGTGTTCACACTCTGTACC 20

SULT 219
-10-177-896-26
Sequence 26, Application US/10177896
Publication No. US20040005705A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
```

```
; FILE REFERENCE: PTS-0045
; CURRENT APPLICATION NUMBER: US/10/177,896
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-896-26
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 740 GCACGGCCATCGGGAAGTG 759
||||| ||||| ||||| |||||
DB 1 GCACGGCCCTCTCGGAAGTG 20

RESULT 220
US-10-177-896-60/c
; Sequence 60, Application US/10177896
; Publication No. US20040005705A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
; FILE REFERENCE: PTS-0045
; CURRENT APPLICATION NUMBER: US/10/177,896
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-896-60
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 740 GCACGGCCATCGGGAAGTG 759
||||| ||||| ||||| |||||
DB 20 GCACGGCCCTCTCGGAAGTG 1

RESULT 221
US-10-189-266-25/c
; Sequence 25, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-25
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



```
QY 710 TCAGACTGGAACATGAAGAG 729
    ||||| ||| |||||
Db 20 TCAGACTAGAAAGTGAAGAG 1

RESULT 222
US-10-189-266-52/c
; Sequence 52, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-52

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1031 CTGACTTGGCTGGCCCGA 1050
    ||||| ||||| |||||
Db 1 CTGATTTGGCCTTGCCAGA 20

RESULT 223
US-10-199-199-58/c
; Sequence 58, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-199-58

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 976 CGAGACCTCAAGCCCGAGAA 995
    ||||| ||||| |||||
Db 20 CGAGACCTCACTCCACAA 1

RESULT 226
US-10-295-471-41/c
; Sequence 41, Application US/10295471
; Publication No. US20040097441A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIXA-RELATED KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0368
; CURRENT APPLICATION NUMBER: US/10/295,471
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-295-471-41

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 967 GTGCTACCGAGACCTCAA 986
    ||||| ||||| |||||
Db 20 GTGATGCCCGAGACATCAA 1

QY 710 TCAGACTGGAACATGAAGAG 729
    ||||| ||| |||||
Db 1 TCAGACTAGAAAGTGAAGAG 20

RESULT 224
US-10-189-266-119
; Sequence 119, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
```

SULT 227
-10-295-471-112
Sequence 112, Application US/10295471
Publication No. US20040097441A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0368
CURRENT APPLICATION NUMBER: US/10/295,471
CURRENT FILING DATE: 2002-11-16
NUMBER OF SEQ ID NOS: 147
SEQ ID NO 112
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-295-471-112
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
967 GTGCTACACCGAGACTCAA 986
|||||
1 GTGATGCACCGAGACATCAA 20
SULT 228
-10-303-635-74
Sequence 74, Application US/10303635
Publication No. US20040102621A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
FILE REFERENCE: RTS-0418
CURRENT APPLICATION NUMBER: US/10/303,635
CURRENT FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 257
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-303-635-74
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
149 GGCAGCTGTCAATGCACATC 168
|||||
1 GGCAGCTGGCAATGCCATC 20
SULT 229
-10-671-395-242/c
Sequence 242, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 242

; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-242
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 505 GAGGGCTACCTGGAGAGCT 524
|||||
Db 20 GTGGCCTACCTGGGGAGCT 1
RESULT 230
US-10-342-311-8
; Sequence 8, Application US/10342311
; Publication No. US20040137531A1
; GENERAL INFORMATION:
; APPLICANT: Webb & Associates
; TITLE OF INVENTION: Method of Screening for Inhibitors of Phospholipid Synthesis Relat
; FILE REFERENCE: 85189-4200
; CURRENT APPLICATION NUMBER: US/10/342,311
; CURRENT FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: unknown
US-10-342-311-8
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 348 GATGGGTCTGATGGGAGA 367
|||||
Db 1 GATGATGCTGATGTGGAGA 20
RESULT 231
US-10-641-455A-29/c
; Sequence 29, Application US/10641455A
; Publication No. US20040171566A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; APPLICANT: Popoff, Ian
; APPLICANT: Wong, Kai Shiu Fred
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0762
; CURRENT APPLICATION NUMBER: US/10/641,455A
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: US 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-641-455A-29

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGGACCTCAACAC 783
Db 20 TGCTCAAGGACCTCAACAC 1

RESULT 232
US-10-476-962-163/c
; Sequence 163, Application US/10476962
; Publication No. US20040191904A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RFS-0222
; CURRENT APPLICATION NUMBER: US/10/476,962
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: PRIOP APPLICATION NUMBER: US/09/860,473
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-962-163

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1028 TGGCTGACTTTGGCTGGCC 1047
Db 20 TGGCCGACTTTGGTGGCC 1

RESULT 233
US-09-174-186-4
; Sequence 4, Application US/09174186
; Patent No. US20010006664A1
; GENERAL INFORMATION:
; APPLICANT: Ensley, Burt
; TITLE OF INVENTION: Recombinant Hair Treatment Compositions
; FILE REFERENCE: 2001605-0002 (Keratin)
; CURRENT APPLICATION NUMBER: US/09/174,186
; CURRENT FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-09-174-186-4

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1468 CTGGGGAGCGGATCCCAA 1487
Db 1 CTGGGGAGCGGATCCCTCCA 20

RESULT 234
US-09-828-034-11/c
; Sequence 11, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-11

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGCAGT 249
Db 20 GTGGTGGTGGTGGTGGT 1

RESULT 235
US-09-828-034-30/c
; Sequence 30, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-30

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGCAGTG 250
Db 21 TGGTGGTGGTGGTGGTG 2

RESULT 236
US-09-943-388-21
; Sequence 21, Application US/09943388
; Patent No. US20020160953A1
; GENERAL INFORMATION:
```

APPLICANT: Holloway, James L.
APPLICANT: Webster, Philippa J.
APPLICANT: Thayer, Edward C.
TITLE OF INVENTION: Mammalian Glycoprotein Hormone-1
FILE REFERENCE: 00-34
CURRENT APPLICATION NUMBER: US/09/943,388
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: 09/839,706
PRIOR APPLICATION NUMBER: 2000-04-25
PRIOR APPLICATION NUMBER: US 60/199,498
PRIOR APPLICATION NUMBER: 2000-04-25
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-09-943-388-21

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

163 ACATCCGAGGTGGCGGAGG 182
|||||
2 ACATCCGAGGTGGCGAGTGG 21

RESULT 237
-09-835-371-1/c
Sequence 1, Application US/09835371
Publication No. US20020187473A1
GENERAL INFORMATION:
APPLICANT: UHLMANN, Eugen
APPLICANT: BREIPOHL, Gerhard
APPLICANT: WILH, David W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND
TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
FILE REFERENCE: 02481.1743 SEQUENCE LISTING
CURRENT APPLICATION NUMBER: US/09/835,371
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: base sequence
OTHER INFORMATION: of PNA targeting viral or cellular targets
-09-835-371-1

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATCAAGAGATCAAAAG 149
|||||
21 CGCAAGAGAGAGAGCAACG 2

RESULT 238
-09-996-263-18/c
Sequence 18, Application US/09996263
Publication No. US20030004325A1
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESS: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325A1
STREET: One Liberty Place - 46th Floor

CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/996,263
FILING DATE: 28-No. US20030004325A1-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,973
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-996-263-18

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATCAAGAGATCAAAAG 149
|||||
Db 21 CGCAAGAGAGAGAGCAACG 2

RESULT 239
US-09-996-263-19/c
Sequence 19, Application US/09996263
Publication No. US20030004325A1
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESS: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325A1
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/996,263
FILING DATE: 28-No. US20030004325A1-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,973
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307

REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-996-263-19

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAAGAGCAAACG 2

RESULT 240
US-09-754-066-13
Sequence 13, Application US/09754066
Publication No. US20030013669A1
GENERAL INFORMATION:
APPLICANT: BURCOGLU, ARSINUR
TITLE OF INVENTION: METHOD OF TREATING HIV INFECTION
AND RELATED SECONDARY INFECTIONS THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/754,066
FILING DATE: 05-Jan-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/848,013
FILING DATE: 2001-05-07
APPLICATION NUMBER: 07/830,886
FILING DATE: 04-FEB-1992
APPLICATION NUMBER: 07/748,277
FILING DATE: 21-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 02939, 04541
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-754-066-13

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 950 ACTCCACCGGCAGAGGTG 969
||||| ||||| ||||| |||||
Db 1 AGTGCAACCGGCAGAGGTG 20

RESULT 241
US-09-835-370-1/c
Sequence 1, Application US/09835370
Publication No. US20030022172A1
GENERAL INFORMATION:
APPLICANT: UHLMANN, EUGEN
APPLICANT: BREIPOHL, GERHARD
APPLICANT: WULL, DAVID W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
FILE REFERENCE: 02481.1742 SEQUENCE LISTING
CURRENT APPLICATION NUMBER: US/09/835,370
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: nucleotide
OTHER INFORMATION: base sequence of PNA derivatives that bind to
OTHER INFORMATION: viral and cellular targets
US-09-835-370-1

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAAGAGCAAACG 2

RESULT 242
US-09-902-953-3/c
Sequence 3, Application US/09902953
Publication No. US20030096770A1
GENERAL INFORMATION:
APPLICANT: Krotz, Achim
APPLICANT: Mehta, Rahul
TITLE OF INVENTION: Enhancement Of The Stability Of Oligonucleotides Comprising
Phosphorothioate Linkages By Addition Of Water Soluble Antioxidar
FILE REFERENCE: Isis-4797
CURRENT APPLICATION NUMBER: US/09/902,953
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Antisense Oligonucleotide
US-09-902-953-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAAGAGCAAACG 2


```
RESULT 247
US-10-029-598-56/c
: Sequence 56, Application US/10029598
: Publication No. US20030040497A1
: GENERAL INFORMATION:
: APPLICANT: Teng, Ching-Leou
: APPLICANT: Cook, Phillip Dan
: APPLICANT: Tillman, Lloyd
: APPLICANT: Hardee, Gregory E.
: APPLICANT: Ecker, David J.
: APPLICANT: Manoharan, Muthiah
: TITLE OF INVENTION: Compositions And Methods For No. US20030040497A1-Parental Deliver
: FILE REFERENCE: ISIS4945
: CURRENT APPLICATION NUMBER: US/10/029,598
: CURRENT FILING DATE: 2001-12-21
: PRIOR APPLICATION NUMBER: 08/082,624
: PRIOR FILING DATE: 1998-05-21
: PRIOR APPLICATION NUMBER: 09/315,298
: PRIOR FILING DATE: 1999-05-20
: NUMBER OF SEQ ID NOS: 58
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 56
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Sequence
: NAME/KEY: misc_feature
: LOCATION: (1)..(7)
: OTHER INFORMATION: 2'-O-methoxyethyl
: NAME/KEY: misc_feature
: LOCATION: (2)..(2)
: OTHER INFORMATION: 5'-methyl
: NAME/KEY: misc_feature
: LOCATION: (8)..(8)
: OTHER INFORMATION: 5'-methyl
: NAME/KEY: misc_feature
: LOCATION: (10)..(10)
: OTHER INFORMATION: 5'-methyl
: NAME/KEY: misc_feature
: LOCATION: (13)..(13)
: OTHER INFORMATION: 5'-methyl
: NAME/KEY: misc_feature
: LOCATION: (16)..(16)
: OTHER INFORMATION: 5'-methyl
: NAME/KEY: misc_feature
: LOCATION: (20)..(20)
: OTHER INFORMATION: 5'-methyl
: NAME/KEY: misc_feature
: LOCATION: (1)..(21)
: OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-56
```

```
Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Q/ 130 CGGATGAAGAAGATCAACG 149
   ||| ||||| |||||
Db  21 CGCAAGAAGAAGAGCAACG 2
```

```
RESULT 248
US-10-262-318-1/c
: Sequence 1, Application US/10262318
: Publication No. US20030144198A1
: GENERAL INFORMATION:
: APPLICANT: Copharos
: APPLICANT: Collins, Douglas A.
: TITLE OF INVENTION: ADMINISTRATION OF TRANSPORT PROTEINS WITH CONJUGATED COBALAMIN T
: TITLE OF INVENTION: DELIVER AGENTS
```

```
: FILE REFERENCE: COP1012
: CURRENT APPLICATION NUMBER: US/10/262,318
: CURRENT FILING DATE: 2002-09-30
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 1
: LENGTH: 21
: TYPE: DNA
: ORGANISM: artificial sequence
: FEATURE:
: OTHER INFORMATION: Vitravene (fomivirsen)
US-10-262-318-1
```

```
Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Q/ 130 CGGATGAAGAAGATCAACG 149
   ||| ||||| |||||
Db  21 CGCAAGAAGAAGAGCAACG 2
```

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RESULT 249
US-10-262-318-14/c
: Sequence 14, Application US/10262318
: Publication No. US20030144198A1
: GENERAL INFORMATION:
: APPLICANT: Copharos
: APPLICANT: Collins, Douglas A.
: TITLE OF INVENTION: ADMINISTRATION OF TRANSPORT PROTEINS WITH CONJUGATED COBALAMIN T
: TITLE OF INVENTION: DELIVER AGENTS
: FILE REFERENCE: COP1012
: CURRENT APPLICATION NUMBER: US/10/262,318
: CURRENT FILING DATE: 2002-09-30
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 14
: LENGTH: 21
: TYPE: DNA
: ORGANISM: artificial sequence
: FEATURE:
: OTHER INFORMATION: oligonucleotide- ISIS 13312
: NAME/KEY: modified_base
: LOCATION: (1)..(5)
: OTHER INFORMATION: 2'-O(CH2)2OCH3 sugar modifications
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: (15)..(20)
: OTHER INFORMATION: 2'-O(CH2)2OCH3 sugar modifications
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: (2)..(2)
: OTHER INFORMATION: 5-methyl substituted
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: (8)..(8)
: OTHER INFORMATION: 5-methyl substituted
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: (10)..(10)
: OTHER INFORMATION: 5-methyl substituted
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: (13)..(13)
: OTHER INFORMATION: 5-methyl substituted
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: (16)..(16)
: OTHER INFORMATION: 5-methyl substituted
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: (20)..(20)
```

OTHER INFORMATION: 5-methyl substituted
-10-262-318-14

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 250

-10-290-587-3/c
Sequence 3, Application US/10290587
Publication No. US20030149260A1
GENERAL INFORMATION:
APPLICANT: Cheruvallath, Zacharia S.
APPLICANT: Ravikumar, Vasulunga T.
APPLICANT: Cole, Douglas L.
TITLE OF INVENTION: Process For The Synthesis Of Oligomeric Compounds
FILE REFERENCE: ISIS-5108
CURRENT APPLICATION NUMBER: US/10/290,587
PRIOR FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: 10/016,465
PRIOR FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: 09/349,659
PRIOR FILING DATE: 1999-07-08
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
-10-290-587-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 251

-10-140-013-9/c
Sequence 9, Application US/10140013
Publication No. US20030181406A1
GENERAL INFORMATION:
APPLICANT: Christian Schetter
APPLICANT: Jorg Vollmer
TITLE OF INVENTION: CPG-LIKE NUCLEIC ACIDS AND METHODS OF
FILE REFERENCE: C01041/70019 (AWS)
CURRENT APPLICATION NUMBER: US/10/140,013
PRIOR FILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: US 60/254,341
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: PCT/US01/48281
PRIOR FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
-10-140-013-9

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
DB 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 252

US-10-140-013-13/c
Sequence 13, Application US/10140013
Publication No. US20030181406A1
GENERAL INFORMATION:
APPLICANT: Christian Schetter
APPLICANT: Jorg Vollmer
TITLE OF INVENTION: CPG-LIKE NUCLEIC ACIDS AND METHODS OF
FILE REFERENCE: C01041/70019 (AWS)
CURRENT APPLICATION NUMBER: US/10/140,013
CURRENT FILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: US 60/254,341
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: PCT/US01/48281
PRIOR FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: modified_base
LOCATION: (2)...(2)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (8)...(8)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (10)...(10)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (13)...(13)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (16)...(16)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (20)...(20)
OTHER INFORMATION: m5c
US-10-140-013-13

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
DB 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 253

US-10-352-586-18/c
Sequence 18, Application US/10352586
Publication No. US20030187240A1
GENERAL INFORMATION:

PRIOR APPLICATION NUMBER: 60/087,757
PRIOR FILING DATE: 1998-06-02
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.2
SEQ ID NO 34
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
i-10-318-628-34

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
||| ||||| |||||
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 258

i-10-318-628-41/c
Sequence 41, Application US/10318628
Publication No. US20030191304A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Ravikumar, Vasulunga T.
APPLICANT: Sandhvi, Yogesh
TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
FILE REFERENCE: ISIS4855
CURRENT APPLICATION NUMBER: US/10/318,628
CURRENT FILING DATE: 2002-12-12
PRIOR APPLICATION NUMBER: 09/177,953
PRIOR FILING DATE: 1998-10-23
PRIOR APPLICATION NUMBER: 60/087,757
PRIOR FILING DATE: 1998-06-02
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.2
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
i-10-318-628-41

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
||| ||||| |||||
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 259

i-10-181-200-3/c
Sequence 3, Application US/10181200
Publication No. US20030212267A1
GENERAL INFORMATION:
APPLICANT: Cole, Douglas L.
APPLICANT: Ravikumar, Vasulunga T.
APPLICANT: Cheruvallath, Zacharia S.
TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4709
CURRENT APPLICATION NUMBER: US/10/181,200
CURRENT FILING DATE: 2002-12-12
PRIOR APPLICATION NUMBER: PCT/US01/00715
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: US 09/481,486
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 16

SOFTWARE: PatentIn version 3.2
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc.feature
LOCATION: (1)..(21)
OTHER INFORMATION: phosphorothioate 21-mer
US-10-181-200-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
||| ||||| |||||
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 260

US-10-181-200-7/c
Sequence 7, Application US/10181200
Publication No. US20030212267A1
GENERAL INFORMATION:
APPLICANT: Cole, Douglas L.
APPLICANT: Ravikumar, Vasulunga T.
APPLICANT: Cheruvallath, Zacharia S.
TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4709
CURRENT APPLICATION NUMBER: US/10/181,200
CURRENT FILING DATE: 2002-12-12
PRIOR APPLICATION NUMBER: PCT/US01/00715
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: US 09/481,486
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.2
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc.feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-methoxyethyl
FEATURE:
NAME/KEY: misc.feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-methoxyethyl
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)..(21)
OTHER INFORMATION: phosphorothioate 21-mer
US-10-181-200-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
||| ||||| |||||
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 261

US-10-418-182-110
Sequence 110, Application US/10418182
Publication No. US20030228302A1

```
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 110
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; 33-10-418-182-110

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 231 TGGTGTGTGTGGCGGCAGTG 250
      ||||| ||||| || |||
Db 1 TGGTGTGTGTGGTGGTGTG 20

RESULT 262
US-10-444-445-3/c
; Sequence 3, Application US/1044445
; Publication No. US20030229220A1
; GENERAL INFORMATION:
; APPLICANT: Capaldi, Daniel C
; APPLICANT: Ravikumar, Vasulunga T
; APPLICANT: Cole, Douglas L
; TITLE OF INVENTION: Processes For The Synthesis Of Oligomers Using Phosphoramidite
; TITLE OF INVENTION: Compositions
; FILE REFERENCE: IS15196
; CURRENT APPLICATION NUMBER: US/10/444,445
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/306,278
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; US-10-444-445-3

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAGAGAGATCAACG 149
      ||| ||||| |||||
Db 21 CGCAAGAAGAGAGCAACG 2

RESULT 263
US-10-628-109-165
; Sequence 165, Application US/10628109
; Publication No. US20040101886A1
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: McWhirter, John
; APPLICANT: Matuyama, Toshiaki
; TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
; TITLE OF INVENTION: AMPLIFICATION
```

```
; FILE REFERENCE: 1087-35 DIV
; CURRENT APPLICATION NUMBER: US/10/628,109
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US 60/254,669
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 60/323,400
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: US 10/014,012
; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 165
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: boundary oligonucleotide
; US-10-628-109-165

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 634 CTGGCGAGGGTACCTATGC 653
      ||||| ||||| |||||
Db 1 CTGGGAGAGGGACCTGTGC 20

RESULT 264
US-10-398-870-7/c
; Sequence 7, Application US/10398870
; Publication No. US20040110920A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Novel G Protein-Coupled Receptor and its DNA
; FILE REFERENCE: 2799 USOP
; CURRENT APPLICATION NUMBER: US/10/398,870
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: JP 2000-313533
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: JP 2000-350057
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed oligonucleotide primer to amplify DNA encoding human TGR;
; US-10-398-870-7

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 396 TGAGGTGCAGTCTCCAGTGA 415
      ||| ||||| |||||
Db 21 TGCGTGGAAGTCTCCAGTGA 2

RESULT 265
US-10-398-870-22/c
; Sequence 22, Application US/10398870
; Publication No. US20040110920A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Novel G Protein-Coupled Receptor and its DNA
; FILE REFERENCE: 2799 USOP
; CURRENT APPLICATION NUMBER: US/10/398,870
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: JP 2000-313533
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: JP 2000-350057
```

PRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 72
SEQ ID NO 22
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-398-870-22

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

396 TCAGGTGCAGTCTCCAGTGA 415
21 TGCCGTGAAGTCTCCAGTGA 2

SULT 266
-10-605-498-2
Sequence 2, Application US/10605498
Publication No. US20040127441A1
GENERAL INFORMATION:
APPLICANT: Gleave, Martin
APPLICANT: Rocchi, Palma
APPLICANT: Signaevsky, Maxim
TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other
FILE REFERENCE: UBC.P-031
CURRENT APPLICATION NUMBER: US/10/605,498
CURRENT FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,859
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: US 60/463,952
PRIOR FILING DATE: 2003-04-18
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-605-498-2

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1020 GCTCAGCTGGCTGACTTTG 1039
1 GGTGCTGCTGGCTGACTCTG 20

SULT 267
-10-768-089-13
Sequence 13, Application US/10768089
Publication No. US20040138167A1
GENERAL INFORMATION:
APPLICANT: BURCOGLU, ARSINUR
TITLE OF INVENTION: METHOD OF TREATING HIV INFECTION
AND RELATED SECONDARY INFECTIONS THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/768,089
FILING DATE: 02-Feb-2004
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/754,066
FILING DATE: 05-Jan-2001
APPLICATION NUMBER: 08/848,013
FILING DATE: 2001-05-07
APPLICATION NUMBER: 07/830,886
FILING DATE: 04-FEB-1992
APPLICATION NUMBER: 07/748,277
FILING DATE: 21-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 02939.04541
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-10-768-089-13

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 ACTGCCACCGCAGAGGTG 969
DB 1 ACTGCAACCGCAGGAGGTG 20

RESULT 268
US-10-661-088-10/c
Sequence 10, Application US/10661088
Publication No. US20040162253A1
GENERAL INFORMATION:
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0206
CURRENT APPLICATION NUMBER: US/10/661,088
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 10
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
oligonucleotide
US-10-661-088-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGATCAACG 149

QY 21 CGCAAGAAGAGCAAAACG 2
||| ||||| |||||

RESULT 269
US-10-661-088-11/c
; Sequence 11, Application US/10661088
; Publication No. US20040162253A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-088-11

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| |||||
Db 21 CGCAAGAAGAGCAAAACG 2

RESULT 270
US-10-661-097-10/c
; Sequence 10, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| |||||
Db 21 CGCAAGAAGAGCAAAACG 2

RESULT 271
US-10-661-097-11/c
; Sequence 11, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-11

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| |||||
Db 21 CGCAAGAAGAGCAAAACG 2

RESULT 272
US-10-777-838-47/c
; Sequence 47, Application US/10777838
; Publication No. US20040162259A1
; GENERAL INFORMATION:
; APPLICANT: Wedel, Mark K.
; APPLICANT: Miner, Philip B.
; TITLE OF INVENTION: Compositions and Methods for Treatment of Pouchitis
; FILE REFERENCE: ISIC0008-100
; CURRENT APPLICATION NUMBER: US/10/777,838
; CURRENT FILING DATE: 2004-02-12
; PRIOR APPLICATION NUMBER: 60/518,053
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/477,215
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 53
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-777-838-47

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| |||||
Db 21 CGCAAGAAGAGCAAAACG 2

SULT 273
-10-661-355-10/c
Sequence 10, Application US/10661355
Publication No. US20040170959A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 10
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
-10-661-355-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAGATCAACG 149
||| ||||| ||||| |||||
21 CGCAAGAGAGAGCAACG 2

SULT 274
-10-661-355-11/c
Sequence 11, Application US/10661355
Publication No. US20040170959A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 11
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
-10-661-355-11

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAGATCAACG 149
||| ||||| ||||| |||||

Db 21 CGCAAGAGAGAGCAACG 2

RESULT 275
US-10-661-099-10/c
Sequence 10, Application US/10661099
Publication No. US20040171568A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 10
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 276
US-10-661-099-11/c
Sequence 11, Application US/10661099
Publication No. US20040171568A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 11
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-11

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149

APPLICANT: Mezes, Peter
APPLICANT: Smithson, Glennda
APPLICANT: Guo, Xiaojia
APPLICANT: Gerlach, Valerie
APPLICANT: Casman, Stacie
APPLICANT: Boldog, Ferenc
APPLICANT: Li, Li
APPLICANT: Zerhusen, Bryan
APPLICANT: Tchernev, Velizar
APPLICANT: Gangolli, Bsha
APPLICANT: Vernet, Corine
APPLICANT: Pena, Carol
APPLICANT: Burgess, Catherine
APPLICANT: Liu, Xiaohong
APPLICANT: Spytek, Kimberly
APPLICANT: Gorman, Linda
APPLICANT: Spaderna, Steven
APPLICANT: Voss, Edward
APPLICANT: Malyankar, Uriel
APPLICANT: Anderson, David
APPLICANT: Patturajan, Meera
APPLICANT: Miller, Charles
APPLICANT: Taupier, Raymond J. Jr.
TITLE OF INVENTION: No. US20030208039A1e1 Antibodies that Bind to Antigenic Polypeptide
FILE REFERENCE: 21402-290A (Cura 590AT)
CURRENT FILING DATE: 2002-06-24
CURRENT FILING DATE: 2002-06-24
PRIOR APPLICATION NUMBER: 60/283,675
PRIOR FILING DATE: 2001-04-14
PRIOR APPLICATION NUMBER: 60/338,092
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/274,101
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/325,681
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/304,354
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/279,995
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 60/294,899
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: 60/287,424
PRIOR FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/299,027
PRIOR FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: 60/309,198
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/281,194
PRIOR FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 60/274,194
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/274,849
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/330,380
PRIOR FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 60/275,235
PRIOR FILING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: 60/288,342
PRIOR FILING DATE: 2001-05-03
PRIOR APPLICATION NUMBER: 60/275,578
PRIOR FILING DATE: 2001-03-13
NUMBER OF SEQ ID NOS: 370
SOFTWARE: Patent in Ver. 2.1
SEQ ID NO 313
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
;-10-093-463-313

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1531 CTACAAAGGAGCCAGCCT 1550
||||| ||||| ||||| |||||
Db 22 CTACAAACGAGACAGACT 3
RESULT 282
US-10-263-929-210
; Sequence 210, Application US/10263929
; Publication No. US20040067535A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jaeseob
; APPLICANT: Galant, Ron
; TITLE OF INVENTION: Alzheimer's Disease Linked Genes
; FILE REFERENCE: LSD-07417
; CURRENT APPLICATION NUMBER: US/10/263,929
; CURRENT FILING DATE: 2002-10-03
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 210
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-263-929-210
Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1522 GAGATTCAGCTACAAAAGGA 1541
||||| ||||| ||||| |||||
Db 1 GAGATGCATCTACACAAGGA 20
RESULT 283
US-10-267-502-436
; Sequence 436, Application US/10267502
; Publication No. US20040071700A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jaeseob
; APPLICANT: Galant, Ron
; TITLE OF INVENTION: Obesity Linked Genes
; FILE REFERENCE: LSD-07416
; CURRENT APPLICATION NUMBER: US/10/267,502
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 439
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 436
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-267-502-436
Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1522 GAGATTCAGCTACAAAAGGA 1541
||||| ||||| ||||| |||||
Db 1 GAGATGCATCTACACAAGGA 20
RESULT 284
US-10-271-638-9
; Sequence 9, Application US/10271638

Publication No. US20040073955A1
GENERAL INFORMATION:
APPLICANT: Chung, Jongkyeong
TITLE OF INVENTION: Transgenic Animal Model for Neuronal Function
FILE REFERENCE: LSD-07444
CURRENT APPLICATION NUMBER: US/10/271,638
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.2
SEQ ID NO 9
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-271-638-9

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1522 GAGATTCAGCTACAAAGGA 1541
|||||
Db 1 GAGATGCATCTACACAAGGA 20

RESULT 285
US-10-629-248-68/c
Sequence 68, Application US/10629248
Publication No. US20040116671A1
GENERAL INFORMATION:
APPLICANT: Prayaga, Sudhirdas K.
APPLICANT: Majumder, Kunud
APPLICANT: Tallon, Bruce E.
APPLICANT: Spaderna, Steven K.
APPLICANT: Spytek, Kimberly A.
APPLICANT: MacDougall, John
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
CURRENT APPLICATION NUMBER: US/10/629,248
CURRENT FILING DATE: 2003-07-28
PRIOR APPLICATION NUMBER: US/09/155,665
PRIOR FILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
PRIOR FILING DATE: 2000-01-06
NUMBER OF SEQ ID NOS: 118
SOFTWARE: PatentIn ver. 2.1
SEQ ID NO 68
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-10-629-248-68

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1426 ATCTCCGACAGAGTGCCAT 1445
|||||
Co 22 ATCTTCAGAGAGTGCCAT 3

RESULT 286
US-10-780-439-19/c
Sequence 19, Application US/10780439
Publication No. US20040142899A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D.
Manoharan, Muthiah
Bennett, C. Frank
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR

ENHANCED BIOSTABILITY AND ALTERED BIODISTRIBUTION OF
OLIGONUCLEOTIDES IN MAMMALS
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cozen O'Connor
STREET: 1900 Market Street
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/780,439
FILING DATE: 17-Feb-2004
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Nguyen, Quan L.
REGISTRATION NUMBER: 46,957
REFERENCE/DOCKET NUMBER: ISIC0006-102
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-665-2000
TELEFAX: 215-665-2013
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-10-780-439-19

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 130 CGGATGAAGAAGATCAAAACG 149
|||||
Db 22 CGCAAGAAGAAGAGCAAAACG 3

RESULT 287
US-10-291-230-3
Sequence 3, Application US/10291230
Publication No. US20030108939A1
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.US.A
CURRENT APPLICATION NUMBER: US/10/291,230
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: US 09/647,344
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
PRIOR APPLICATION NUMBER: US 60/079,792
PRIOR FILING DATE: 1998-03-28
PRIOR APPLICATION NUMBER: US 60/107,504
PRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib


```
QY 1504 TCCATATTTGCACTAAAGGA 1523
      |||||
Db 20 TACATATTTGCACTGAAGCA 1

RESULT 292
US-09-848-754A-2427/c
; Sequence 4, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-017-621-4

Query Match 0.9%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.8e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0;

QY 95 AGGTTGCTCGCGGC 109
      |||||
Db 1 AGGTTGCTCGCGGC 15

RESULT 293
US-09-848-754A-1374/c
; Sequence 1374, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1374
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1374

Query Match 0.9%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0;

QY 1366 CTTGATAGCGACGGG 1380
      |||||
Db 15 CTTGATAGCGACGGG 1

RESULT 294
US-09-848-754A-2427/c
; Sequence 2427, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
```

```
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2427
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2427

Query Match 0.9%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0;

QY 1366 CTTGATAGCGACGGG 1380
      |||||
Db 17 CTTGATAGCGACGGG 3

RESULT 295
US-09-906-158-44
; Sequence 44, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-44

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.9e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0;

QY 449 TCTCCACTGAGGACA 463
      |||||
Db 2 TCTCCACTGAGGACA 16

RESULT 296
US-09-906-158-45
; Sequence 45, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-45

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.9e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0;

QY 449 TCTCCACTGAGGACA 463
      |||||
```

6 TCTCCACTGAGGACA 20

SULT 297

-10-388-263-493
Sequence 493, Application US/10388263
Publication No. US20030228597A1

GENERAL INFORMATION:

APPLICANT: Cowsert, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
MODULATION BY OLIGONUCLEOTIDES AND
GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 493
LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-388-263-493

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

449 TCTCCACTGAGGACA 463
|||||
2 TCTCCACTGAGGACA 16

SULT 298

-10-388-263-494
Sequence 494, Application US/10388263
Publication No. US20030228597A1

GENERAL INFORMATION:

APPLICANT: Cowsert, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
MODULATION BY OLIGONUCLEOTIDES AND
GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 494
LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-388-263-494

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGACA 463
|||||
Db 6 TCTCCACTGAGGACA 20

RESULT 299

US-09-761-962-43/c
; Sequence 43, Application US/09761962
; Patent No. US2002007785A1
; GENERAL INFORMATION:
; APPLICANT: Memorial Sloan-Kettering Cancer Center
; TITLE OF INVENTION: Identification and Characterization of Multiple Splice
Variants of Mu-
; TITLE OF INVENTION: Variants of Mu-
; TITLE OF INVENTION: opiod Receptor (MOR-1) Gene
; FILE REFERENCE: 830002-2000.1
; CURRENT APPLICATION NUMBER: US/09/761,962
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/743,872
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 43
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-761-962-43

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1715 GCGTGAGCCAGTTTCACCTGCC 1737
|||||
Db 23 GCGTTAGCCACTACCACCTGCC 1

RESULT 300

US-10-283-300-43/c
; Sequence 43, Application US/10283300
; Publication No. US20030103972A1
; GENERAL INFORMATION:
; APPLICANT: Memorial Sloan-Kettering Cancer Center
; TITLE OF INVENTION: IDENTIFICATION AND CHARACTERIZATION OF MULTIPLE SPLICE VARIANTS
OF THE MU-OPIOD RECEPTOR GENE
; FILE REFERENCE: 830002-2000.3
; CURRENT APPLICATION NUMBER: US/10/283,300
; CURRENT FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: 09/761,962
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/743,872
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: PCT/US99/15974
; PRIOR FILING DATE: 1999-07-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 43
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense primer from exon 2 used in RT-PCR of mouse brain RNA
US-10-283-300-43

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```
QY 1715 GCCTGAGCCATGTTACCTGCC 1737
DB 23 GCCTTAGCCACTACCACTGCC 1

RESULT 301
US-10-337-169-17
; Sequence 17, Application US/10337169
; Publication No. US20030113330A1
; GENERAL INFORMATION:
; APPLICANT: Uhal, Bruce D.
; TITLE OF INVENTION: METHODS FOR TREATING PULMONARY FIBROSIS
; FILE REFERENCE: 29489/36811A
; CURRENT APPLICATION NUMBER: US/10/337,169
; PRIOR FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 09/708,742
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: US 60/164,052
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-10-337-169-17

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGCTACCTGGAGAACTGACC 528
DB 1 AGGCCAACCGCAGAGATGACC 23

RESULT 302
US-10-059-579-134
; Sequence 134, Application US/10059579
; Publication No. US20030138783A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUKUMAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, Nancy
; APPLICANT: DAVIDSON, Nancy
; APPLICANT: FACKLER, Mary Jo.
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630-1
; CURRENT APPLICATION NUMBER: US/10/059,579
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US 09/771,357
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 134
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR antisense primer
US-10-059-579-134

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1681 AACTACATCTTCCTGCTTACTC 1703
DB 1 AATTACATTTTCCAACTTACTC 23

RESULT 303
US-10-026-952-3
; Sequence 3, Application US/10026952
; Publication No. US20030165859A1
; GENERAL INFORMATION:
; APPLICANT: Nazarenko, Irina
; APPLICANT: Rashtchian, Ayoub
; APPLICANT: Solus, Joseph M.
; APPLICANT: Pires, Richard M.
; APPLICANT: Darfler, Marlene
; APPLICANT: Gebevehu, Gullilat
; APPLICANT: Astatke, Mekbib
; TITLE OF INVENTION: Primers and Methods for the Detection and
; TITLE OF INVENTION: Discrimination of Nucleic Acids
; FILE REFERENCE: 0942.4980006
; CURRENT APPLICATION NUMBER: US/10/026,952
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/330,468
; PRIOR FILING DATE: 2001-10-23
; PRIOR APPLICATION NUMBER: 60/139,890
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/175,959
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 09/599,594
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/748,146
; PRIOR FILING DATE: 2000-12-27
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-026-952-3

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 945 GGCTACTGCCCGCAGGAGG 967
DB 1 GGCTACGCCACCATGAGAGG 23

RESULT 304
US-10-384-893-21
; Sequence 21, Application US/10384893
; Publication No. US20030166247A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Galas, David J.
; APPLICANT: Kovacevich, Brian
; APPLICANT: Mulligan, John T.
; APPLICANT: Paepfer, Bryan W.
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Winkler, David G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING
; TITLE OF INVENTION: BONE MINERALIZATION
; FILE REFERENCE: 240083.50805
; CURRENT APPLICATION NUMBER: US/10/384,893
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for PCR
```

-10-384-893-21

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0;

506 AGGGCTACTCGAGAAGCTGACC 528
|||||
1 AGGCCAACCGCGAGAAGATGACC 23

SULT 305

-10-396-964-39/c
Sequence 39, Application US/10396964
Publication No. US20030198946A1

GENERAL INFORMATION:
APPLICANT: Simmonds, Peter
APPLICANT: Chan, Shiu-Wan
APPLICANT: Yap, Peng L.
TITLE OF INVENTION: Hepatitis-C Virus Testing
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
STREET: 1211 East Morehead Street
CITY: Charlotte
STATE: No. US20030198946A1th Carolina
COUNTRY: United States
ZIP: 28234

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0. Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/396,964
FILING DATE: 23-MARCH-2003

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/244,116B
FILING DATE: 15-JUL-1994

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02143
FILING DATE: 20-NOV-1992

ATTORNEY/AGENT INFORMATION:

NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 1749-125
TELEPHONE: 704-377-1561
TELEFAX: 704-334-2014

INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Hepatitis-C virus
-10-396-964-39

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0;

292 CTTCTGACGGGGCCCACTCAG 314
23 CATTCTGAACGGCGCCCACTCG 1

RESULT 306

US-10-463-190-21
Sequence 21, Application US/10463190
Publication No. US20040009535A1

GENERAL INFORMATION:

APPLICANT: Brunkow, Mary E.
APPLICANT: Galas, David J.
APPLICANT: Kovacevich, Brian
APPLICANT: Mulligan, John T.
APPLICANT: Paepker, Bryan W.
APPLICANT: Van Ness, Jeffrey
APPLICANT: Winkler, David G.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
INCREASING BONE MINERALIZATION
FILE REFERENCE: 240083.508C2
CURRENT APPLICATION NUMBER: US/10/463,190
CURRENT FILING DATE: 2003-06-16
NUMBER OF SEQ ID NOS: 143
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 21
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer for PCR
US-10-463-190-21

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGGCTACTCGAGAAGCTGACC 528

Db 1 AGGCCAACCGCGAGAAGATGACC 23

RESULT 307

US-10-095-248A-21
Sequence 21, Application US/10095248A
Publication No. US20040058321A1

GENERAL INFORMATION:

APPLICANT: Brunkow, Mary E.
APPLICANT: Galas, David J.
APPLICANT: Kovacevich, Brian
APPLICANT: Mulligan, John T.
APPLICANT: Paepker, Bryan W.
APPLICANT: Van Ness, Jeffrey
APPLICANT: Winkler, David G.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
INCREASING BONE MINERALIZATION
FILE REFERENCE: 240083.508C1
CURRENT APPLICATION NUMBER: US/10/095,248A
CURRENT FILING DATE: 2002-06-07
NUMBER OF SEQ ID NOS: 45
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 21
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer for PCR
US-10-095-248A-21

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGGCTACTCGAGAAGCTGACC 528

Db 1 AGGCCAACCGCGAGAAGATGACC 23

APPLICANT: Karras, James G
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
TITLE OF INVENTION: Expression
FILE REFERENCE: ISPH-0532
CURRENT APPLICATION NUMBER: US/09/759,881
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: PCT/US00/09054
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 09/288,461
PRIOR FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 152
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 27
LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

1-09-758-881-27

Query Match 0.8%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 4.3e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1 922 CTGTTCCAGCTGCTCGT 939

|||||
2 CTGTTCCAGCTGCTGCAT 19

RESULT 313

1-09-865-993-23/c

Sequence 23, Application US/09865993

Publication No. US20030060437A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 5 EXPRESSION

FILE REFERENCE: RTS-0175

CURRENT APPLICATION NUMBER: US/09/865,993

CURRENT FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 23

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

1-09-865-993-23

Query Match 0.8%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 4.3e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1 953 GCCACGGCAGAGGTGC 970

|||||
19 GCCACTGGCAGAGGTGC 2

RESULT 314

1-09-898-556A-22/c

Sequence 22, Application US/09898556A

Publication No. US20030087849A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION

FILE REFERENCE: RTS-0248

CURRENT APPLICATION NUMBER: US/09/898,556A

CURRENT FILING DATE: 2001-07-03

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 22

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-22

Query Match 0.8%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 4.3e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 673 AGCAAGCTCAGACAAAC 690

|||||
18 AGCAAGCTCTCAGCCAAAC 1

RESULT 315

US-09-978-244A-85

Sequence 85, Application US/09978244A

Publication No. US20030103992A1

GENERAL INFORMATION:

APPLICANT: Lu, Peter S

APPLICANT: Garman, Jonathan D.

APPLICANT: Candia III, Albert F.

APPLICANT: Arbor Vita Corporation

TITLE OF INVENTION: CLASP MEMBRANE PROTEINS

FILE REFERENCE: 020554-000161US

CURRENT APPLICATION NUMBER: US/09/978,244A

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: US 60/310,028

PRIOR FILING DATE: 2001-08-03

PRIOR APPLICATION NUMBER: US 09/737,246

PRIOR FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 09/736,969

PRIOR FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 09/736,960

PRIOR FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 09/736,968

PRIOR FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 60/240,545

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 60/240,508

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 60/240,503

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 60/240,539

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 60/240,543

PRIOR FILING DATE: 2000-10-13

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 106

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 85

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer mC5S8

US-09-978-244A-85

Query Match 0.8%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 4.3e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 889 AACATCATCAACATGCAC 906

|||||
3 AACATCATCAACAGGAC 20

RESULT 316

US-09-754-106-72/c

Sequence 72, Application US/09754106

Publication No. US20030224355A1

GENERAL INFORMATION:

APPLICANT: Bell, Graeme I.


```
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Nachisha
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: /09/754,106
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-754-106-72

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 691 CTTGTGCACTCAAGGAG 708
Db 18 CTTGTGTCACACAGGAG 1

RESULT 317
US-10-006-366-80/c
; Sequence 80, Application US/10006366
; Publication No. US20030125273A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
; FILE REFERENCE: RTS-0132
; CURRENT APPLICATION NUMBER: US/10/006,366
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 80
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-80

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1567 CTTGACTCAGGAGGCA 1584
Db 19 CTTGACTCAGGAGCTCA 2

RESULT 318
US-10-002-623-861/c
; Sequence 861, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; TITLE OF INVENTION: POPULATIONS
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 861
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-10-002-623-861

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1063 CCAACAAAGACATACTCC 1080
Db 19 CCAACAAAGCCAGACTCC 2

RESULT 319
US-10-160-787-37/c
; Sequence 37, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-37

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 365 AGAGTGACCAAGCTTCAG 382
Db 20 AGAGTGACCAAGCTTCG 3
```

```
SULT 320
-10-160-787-106
Sequence 106, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-160-787-106
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

365 AGAGTGACCAAGCTTCTG 382
|||||
1 AGAGTGACCAAGCTTCTG 18

SULT 321
-10-174-014-30
Sequence 30, Application US/10174014
Publication No. US20040005292A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
FILE REFERENCE: PTS-0012
CURRENT APPLICATION NUMBER: US/10/174,014
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 73
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-174-014-30
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

304 GCGCCCACTCAGCTCTGCA 321
|||||
1 GCGCCCACTCAGCTCTGCA 18

SULT 322
-10-174-014-61/c
Sequence 61, Application US/10174014
Publication No. US20040005292A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
FILE REFERENCE: PTS-0012
CURRENT APPLICATION NUMBER: US/10/174,014
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 73
SEQ ID NO 61
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-014-61
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 304 GCGCCCACTCAGCTCTGCA 321
|||||
DB 20 GCGCCCACTCAGCTCTGCA 3

RESULT 323
US-10-188-779A-47
; Sequence 47, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-47
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 254 CTGAGAGGCGCCCACTC 271
|||||
DB 3 CTAGAGAGGCGCCCACTC 20

RESULT 324
US-10-380-020-13
; Sequence 13, Application US/10380020
; Publication No. US20040052762A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Hua
; APPLICANT: Pardoll, Drew
; APPLICANT: Dove, Richard
; APPLICANT: Dalton, William
; TITLE OF INVENTION: Stat3 Agonists and Antagonists and Therapeutic Uses Thereof
; FILE REFERENCE: 10873-009-999
; CURRENT APPLICATION NUMBER: US/10/380,020
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: 60/231,212
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence used to inhibit translation of
; OTHER INFORMATION: endogenous Stat3 mRNA
US-10-380-020-13
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
```

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCTCCGT 939
| | | | | | | | | | | | | | | |
Db 2 CTGTTCCAGCTGCTGCAT 19

RESULT 325
US-10-287-971-301
; Sequence 301, Application US/10287971
; Publication No. US20040067882A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook, et al
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-480A
; CURRENT APPLICATION NUMBER: US/10/287,971
; CURRENT FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 09/997,425
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 10/035,568
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/338,626
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/401,479
; PRIOR FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 60/333,072
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 60/348,283
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 60/393,262
; PRIOR FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/406,181
; PRIOR FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: Curaseq1ist version 0.1
; SEQ ID NO 301
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-971-301

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1530 GCTACAAAAGGAGGCCAG 1547
| | | | | | | | | | | | | | | |
Db 1 GCTACAAAAGGAGGCCAG 18

RESULT 326
US-10-293-864-18
; Sequence 18, Application US/10293864
; Publication No. US20040092465A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0432
; CURRENT APPLICATION NUMBER: US/10/293,864
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-864-18

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 987 GCCCAGAACCTGCTCAT 1004
| | | | | | | | | | | | | | | |
Db 1 GCCCAGACATCTGCTCAT 18

RESULT 327
US-10-293-864-96/c
; Sequence 96, Application US/10293864
; Publication No. US20040092465A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0432
; CURRENT APPLICATION NUMBER: US/10/293,864
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-293-864-96

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 987 GCCCAGAACCTGCTCAT 1004
| | | | | | | | | | | | | | | |
Db 20 GCCCAGACATCTGCTCAT 3

RESULT 328
US-10-671-395-638/c
; Sequence 638, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 638
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-638

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 508 GGCTACCTGGAGAGCTG 525
| | | | | | | | | | | | | | | |
Db 20 GGCTACCTGGGAGAGCTG 3

RESULT 329
US-10-772-542-22/c
; Sequence 22, Application US/10772542
; Publication No. US2004014289A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
FILE REFERENCE: RTS-0248
CURRENT APPLICATION NUMBER: US/10/772,542
CURRENT FILING DATE: 2004-02-05
PRIOR APPLICATION NUMBER: US/09/898,556
PRIOR FILING DATE: 2001-07-03
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-772-542-22

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
673 AGCAAGCTCACAGACAAC 690
18 AGCAAGCTCTAGCCAAC 1

RESULT 330
US-10-782-998-12/c
Sequence 12, Application US/10782998
Publication No. US2004017119A1
GENERAL INFORMATION:
APPLICANT: Sumitomo Chemical, Co., Ltd.
TITLE OF INVENTION: Reductase Gene and Use of the Same
FILE REFERENCE: 600630-15US (562737)
CURRENT APPLICATION NUMBER: US/10/782,998
CURRENT FILING DATE: 2004-02-20
PRIOR APPLICATION NUMBER: JP 2003-053568
PRIOR FILING DATE: 2003-02-28
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.2
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Designed oligonucleotide primer for PCR
-10-782-998-12

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
367 AGTGACCGGCTTCAGCC 384
19 AGTGACCGGCTGCAGCC 2

RESULT 331
US-10-383-707-8
Sequence 8, Application US/10383707
Publication No. US20040175369A1
GENERAL INFORMATION:
APPLICANT: Yu, Hua
APPLICANT: Pardoll, Drew
APPLICANT: Jove, Richard
TITLE OF INVENTION: STAT3 ANTAGONISTS AND THEIR USE AS VACCINES AGAINST CANCER
FILE REFERENCE: 10873-010-999
CURRENT APPLICATION NUMBER: US/10/383,707
CURRENT FILING DATE: 2003-03-07
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.2
SEQ ID NO 8
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence used to inhibit translation of
US-10-383-707-8
OTHER INFORMATION: endogenous Stat3 mRNA

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 922 CTGTTCCAGCTGCTCCGT 939
DB 2 CTGTTCCAGCTGCTGCAT 19

RESULT 332
US-10-619-739-575/c
Sequence 575, Application US/10619739
Publication No. US2004017519A1
GENERAL INFORMATION:
APPLICANT: Christians, Frederick C.
TITLE OF INVENTION: Synthetic Tag Genes
FILE REFERENCE: 3502.1
CURRENT APPLICATION NUMBER: US/10/619,739
CURRENT FILING DATE: 2003-07-14
PRIOR APPLICATION NUMBER: 60/395,530
PRIOR FILING DATE: 2002-07-12
NUMBER OF SEQ ID NOS: 2068
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 575
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-575

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1169 GTCGATCTTCTATGAGA 1196
DB 18 GTCGATCTACTATAAGA 1

RESULT 333
US-10-028-056-9/c
Sequence 9, Application US/10028056
Publication No. US20020152483A1
GENERAL INFORMATION:
APPLICANT: REUE, KAREN
APPLICANT: PTERFY, MIKLOS
TITLE OF INVENTION: A NOVEL GENE ASSOCIATED WITH REGULATION OF ADIPOSITY AND INSULIN
FILE REFERENCE: 407T-898010US
CURRENT APPLICATION NUMBER: US/10/028,056
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: US 60/257,772
PRIOR FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.0
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-028-056-9

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1449 ACATCATTCCTTCCTCAG 1456
|||||
20 ACATTCATTCGCTCAG 3

RESULT 334

US-10-205-713A-8/c
; Sequence 8, Application US/10205713A
; Publication No. US20030109534A1
; GENERAL INFORMATION:
; APPLICANT: Horuk, Richard
; TITLE OF INVENTION: No. US20030109534A1-Peptide CCR1 Receptor Antagonists for the Tre
; FILE REFERENCE: 52177AUSM1
; CURRENT APPLICATION NUMBER: US/10/205,713A
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/310,538
; PRIOR FILING DATE: 2001-08-07
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-205-713A-8

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 854 ACAAGGACCTGAAGCAGT 871
|||||
DB 21 ACAAGAGCCCTGAAGCAGT 4

RESULT 335

US-10-325-881-35
; Sequence 35, Application US/10325881
; Publication No. US20030119047A1
; GENERAL INFORMATION:
; APPLICANT: YOSHIKAWA, YOSHIE
; APPLICANT: MUKAI, HIROYUKI
; APPLICANT: ASADA, KIYOZO
; APPLICANT: HINO, FUMITSUGU
; APPLICANT: KATO, IKUNOSHIN
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES
; FILE REFERENCE: 1422-388P
; CURRENT APPLICATION NUMBER: US/10/325,881
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US/09/377,497
; PRIOR FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: any n or Xaa = unknown
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-10-325-881-35

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1311 GACATACAACTACCCCAA 1328
|||||
DB 2 GAAACAACTACCCCAA 19

RESULT 336

US-10-321-188-11
; Sequence 11, Application US/103211188
; Publication No. US20030180760A1
; GENERAL INFORMATION:
; APPLICANT: Basch, Jonathan D.
; APPLICANT: Chiang, Shu-Jen D.
; APPLICANT: Liu, Suo-Win
; APPLICANT: Nayeem, Akbar
; APPLICANT: Sun, Yuhua
; APPLICANT: You, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR HYDROXYLATING EPOTHILONES
; FILE REFERENCE: D0231NP
; CURRENT APPLICATION NUMBER: US/10/321,188
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US 60/344,271
; PRIOR FILING DATE: 2001-12-26
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-188-11

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1218 CACGGTGGAGGACAGCT 1235
|||||
DB 4 CGCGGTGGAGGAACTGCT 21

RESULT 337

US-10-786-720-14267/c
; Sequence 14267, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14267
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-14267

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 374 AGGCTTCAGCCACGTCCT 391
|||||
DB 20 AGGCTTAGCCACATCCT 3

RESULT 338

US-10-231-913-246/c
; Sequence 246, Application US/10231913
; Publication No. US20040005576A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia S.
; APPLICANT: Li, Li
; APPLICANT: Patturajan, Meera

APPLICANT: Shimkets, Richard A.
APPLICANT: Casman, Stacie J.
APPLICANT: Malyankar, Uriel M.
APPLICANT: Tchernev, Velizar T.
APPLICANT: Vernet, Corine A.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Alsobrook II, John P.
APPLICANT: Edinger, Shlomit
APPLICANT: Peyman, John A.
APPLICANT: Stone, David J.
APPLICANT: Ellerman, Karen
APPLICANT: Gangolli, Esha A.
APPLICANT: Boldog, Ference L.
APPLICANT: Colman, Steven D.
APPLICANT: Eisen, Andrew J.
APPLICANT: Liu, Xiaohong
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spaderna, Steven K.
APPLICANT: Zerhusen, Bryan D.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

CURRENT APPLICATION NUMBER: US/10/231,913

PRIOR FILING DATE: 2002-08-30

PRIOR APPLICATION NUMBER: 60/251,660

PRIOR FILING DATE: 2000-12-06

PRIOR APPLICATION NUMBER: 60/255,029

PRIOR FILING DATE: 2000-12-12

PRIOR APPLICATION NUMBER: 60/260,326

PRIOR FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: 60/263,800

PRIOR FILING DATE: 2001-01-24

PRIOR APPLICATION NUMBER: 60/269,942

PRIOR FILING DATE: 2001-02-20

PRIOR APPLICATION NUMBER: 60/286,183

PRIOR FILING DATE: 2001-04-24

PRIOR APPLICATION NUMBER: 60/313,627

PRIOR FILING DATE: 2001-08-20

PRIOR APPLICATION NUMBER: 60/318,712

PRIOR FILING DATE: 2001-09-12

NUMBER OF SEQ ID NOS: 292

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 246

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: CHEMICALLY

OTHER INFORMATION: SYNTHESIZED

-10-231-913-246

Query Match 0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1230 ACAGCTACACATTCATCTT 1247

|||||

18 ACAGCTGGCTTCATCTT 1

SULT 339

-10-085-198-315

Sequence 315, Application US/10085198

Publication No. US20040009907A1

GENERAL INFORMATION:

APPLICANT: Alsobrook et al.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-279

CURRENT APPLICATION NUMBER: US/10/085,198

CURRENT FILING DATE: 2002-02-25

PRIOR APPLICATION NUMBER: 60/271,646

PRIOR FILING DATE: 2001-02-26

PRIOR APPLICATION NUMBER: 60/276,401

; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 315
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-315

Query Match 0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1524 GATTGAGCTACAAAAGGA 1541

|||||

3 GAAACAGCTACAAAAGGA 20

RESULT 340

US-10-114-270-272

; Sequence 272, Application US/10114270

; Publication No. US20040030110A1

GENERAL INFORMATION:

APPLICANT: Guo, Xiaojia

APPLICANT: Kexuda, Ramesh

APPLICANT: Miller, Charles E.

APPLICANT: Malyankar, Uriel M.

APPLICANT: Spytek, Kimberly A.

APPLICANT: Patturajan, Meera

APPLICANT: Liu, Ziaohong

APPLICANT: Gusev, Vladimir Y.

APPLICANT: Li, Li

APPLICANT: Vernet, Corine

APPLICANT: Zerhusen, Bryan D.

APPLICANT: Gorman, Linda

APPLICANT: Shenoy, Suresh G.

APPLICANT: Pena, Carol E.A.

APPLICANT: Smithson, Glennda

APPLICANT: Burgess, Catherine E.

APPLICANT: Gerlach, Valerie

APPLICANT: Padigaru, Muralidhara

APPLICANT: Shimkets, Richard A.

APPLICANT: Gangolli, Esha A.

APPLICANT: Taupier Jr., Raymond J.

APPLICANT: Casman, Stacie J.

APPLICANT: Ji, Weizhen

APPLICANT: Anderson, David W.

APPLICANT: Liette, Mario W.

APPLICANT: Rastelli, Luca

APPLICANT: Edinger, Shlomit R.

APPLICANT: Stone, David J.

APPLICANT: MacDougall, John R.

APPLICANT: Rothenberg, Mark E.

```

; TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 272
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-114-270-272

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q/ 449 TCTCCACTGAGGACATCA 466
      ||||| ||||| |||||
Db 4 TCTCCACTGAGACACCA 21

RESULT 341
US-10-427-224-19
; Sequence 19, Application US/10427224
; Publication No. US2004003607A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Hua
; TITLE OF INVENTION: Plant Vernalization Independence (VIP) Genes, Proteins, and
; TITLE OF INVENTION: Methods of Use
; FILE REFERENCE: MSU-08107
; CURRENT APPLICATION NUMBER: US/10/427,224
; CURRENT FILING DATE: 2003-05-01
; PRIOR APPLICATION NUMBER: 60/376,765
; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-427-224-19

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 666 AGGCAAAAGCAAGCTCAC 683
      ||||| ||||| |||||

```

```

Db 1 AGGCAAAACACAGGCTCAC 18

RESULT 342
US-10-418-251-6
; Sequence 6, Application US/10418251
; Publication No. US20040073957A1
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/10/418,251
; CURRENT FILING DATE: 2003-04-18
; PRIOR APPLICATION NUMBER: US/09/033,936
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-6

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q/ 356 CTGATGGGAGAGTGACC 373
      ||||| ||||| |||||
Db 3 CTGATGGTGAGAGTGAAC 20

RESULT 343
US-10-202-162A-26/c
; Sequence 26, Application US/10202162A
; Publication No. US20040191769A1
; GENERAL INFORMATION:
; APPLICANT: Marino, Michael A.
; TITLE OF INVENTION: Methods, Compositions and Kits for Mutation
; TITLE OF INVENTION: Detection in Mitochondrial DNA
; FILE REFERENCE: P-733
; CURRENT APPLICATION NUMBER: US/10/202,162A
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 60/392,911
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 60/307,645
; PRIOR FILING DATE: 2001-07-24
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
US-10-202-162A-26

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q/ 1203 CCTCTTCCGGGTCCAC 1220
      ||||| ||||| |||||
Db 18 CCTCTTACGACTCCAC 1

```

```
SULT 344
-09-964-261-30/c
Sequence 30, Application US/09964261
Publication No. US20020197613A1
GENERAL INFORMATION:
APPLICANT: De Canck, Ilse
APPLICANT: Rombout, Annelles
APPLICANT: Rossau, Rudi
TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
FILE REFERENCE: IGJ-002
CURRENT APPLICATION NUMBER: US/09/964,261
CURRENT FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: EP 99870068.6
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 60/138,614
PRIOR FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 446
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-09-964-261-30

Query Match      0.8%; Score 14.6; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.7e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

      249 TGACCCCTGGAGAGGCC 265
      ||:|||:|||:|||
      20 TGHCCCGGAGAGGCC 4

SULT 345
-08-983-605-282/c
Sequence 282, Application US/08983605A
Publication No. US20020066118A1
GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum aestivum and Tribe Triticeae and the Use of
TITLE OF INVENTION: Said Markers
FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 282
LENGTH: 21
TYPE: DNA
ORGANISM: Triticum aestivum
-08-983-605-282

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

      1707 GCCTACCTGCCTGAGCCATGT 1727
      |||||:|||:|||:|||
      21 GGCTACCTGCATGAACATGT 1

SULT 346
-09-964-261-31/c
Sequence 31, Application US/09964261
Publication No. US20020197613A1
GENERAL INFORMATION:
APPLICANT: De Canck, Ilse
APPLICANT: Rombout, Annelles
```

```
APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IGJ-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; PRIOR FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-31

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      249 TGACCCCTGGAGAGGCC 265
DB      ||:|||:|||:|||
      21 TGHCCCGGAGAGGCC 5

RESULT 347
US-09-932-300-37/c
; Sequence 37, Application US/09932300
; Publication No. US20030032788A1
; GENERAL INFORMATION:
; APPLICANT: GARVER, Eric
; APPLICANT: TU, Guang-Chou
; APPLICANT: ISRAEL, Yedy
; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
; FILE REFERENCE: 9855-302
; CURRENT APPLICATION NUMBER: US/09/932,300
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/051,705
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: US 09/109,663
; PRIOR FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Known
; OTHER INFORMATION: effective ASO
US-09-932-300-37

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      225 TGAGAGTCGTGCTGTCGCGG 245
DB      |||||:|||:|||:|||
      21 TGAGAGGGGAAGTCGTGCGGG 1

RESULT 348
US-10-006-611-7/c
; Sequence 7, Application US/10006611
; Publication No. US20020166137A1
; GENERAL INFORMATION:
; APPLICANT: Nezu, Jun-Ichi
; APPLICANT: Ose, Asuka
; APPLICANT: Jishage, Kou-ichi
; APPLICANT: Jenne, Dieter E.
; TITLE OF INVENTION: LKB1 GENE KNOCKOUT ANIMALS
; FILE REFERENCE: 06501-094001
```


CURRENT APPLICATION NUMBER: US/10/006,611
CURRENT FILING DATE: 2002-04-16
PRIOR APPLICATION NUMBER: PCT/JP00/03504
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: JP 11/153030
PRIOR FILING DATE: 1999-05-31
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-10-006-611-7

Query Match 0.8%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 4.9e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 814 CACACGAGNAGTCCCTCACC 834

DB 21 CACACGAGTACTCCATCACC 1

RESULT 349

US-10-243-035-6

Sequence 6, Application US/10243035

Publication No. US20030049697A1

GENERAL INFORMATION:

APPLICANT: LAZDUNSKI, MICHEL

APPLICANT: LESAGE, FLORIAN

APPLICANT: MAINGRET, FRANCOIS

TITLE OF INVENTION: NEW FAMILY OF MECHANOSENSITIVE HUMAN POTASSIUM CHANNELS
TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE

FILE REFERENCE: 1317-02

CURRENT APPLICATION NUMBER: US/10/243,035

CURRENT FILING DATE: 2002-09-13

NUMBER OF SEQ ID NOS: 15

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 6

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-243-035-6

Query Match 0.8%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 4.9e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1273 GAGACGTGGCCAGGCATCCTG 1293

DB 1 GAGGCCCGCCAGGCATCCTG 21

RESULT 350

US-10-243-035-9

Sequence 9, Application US/10243035

Publication No. US20030049697A1

GENERAL INFORMATION:

APPLICANT: LAZDUNSKI, MICHEL

APPLICANT: LESAGE, FLORIAN

APPLICANT: MAINGRET, FRANCOIS

TITLE OF INVENTION: NEW FAMILY OF MECHANOSENSITIVE HUMAN POTASSIUM CHANNELS
TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE

FILE REFERENCE: 1317-02

CURRENT APPLICATION NUMBER: US/10/243,035

CURRENT FILING DATE: 2002-09-13

NUMBER OF SEQ ID NOS: 15

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 9

LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-243-035-9

Query Match 0.8%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 4.9e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1273 GAGACGTGGCCAGGCATCCTG 1293

DB 1 GAGGCCCGCCAGGCATCCTG 21

RESULT 351

US-10-184-085A-164/c

Sequence 164, Application US/10184085A

Publication No. US20030152950A1

GENERAL INFORMATION:

APPLICANT: Garner, Harold R.

APPLICANT: Minna, John D.

APPLICANT: Luebke, Kevin, J.

TITLE OF INVENTION: Identification of Chemically Modified Polymers

FILE REFERENCE: 119929-1035

CURRENT APPLICATION NUMBER: US/10/184,085A

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR FILING DATE: 2001-06-27

NUMBER OF SEQ ID NOS: 1291

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 164

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

US-10-184-085A-164

Query Match 0.8%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 4.9e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 221 TGGATGAGAGTGGTGGTGGTG 241

DB 21 TGGATGAGAGGAGGAGAGTG 1

RESULT 352

US-10-184-085A-200/c

Sequence 200, Application US/10184085A

Publication No. US20030152950A1

GENERAL INFORMATION:

APPLICANT: Garner, Harold R.

APPLICANT: Minna, John D.

APPLICANT: Luebke, Kevin, J.

APPLICANT: Balog, Robert P.

TITLE OF INVENTION: Identification of Chemically Modified Polymers

FILE REFERENCE: 119929-1035

CURRENT APPLICATION NUMBER: US/10/184,085A

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR FILING DATE: 2001-06-27

NUMBER OF SEQ ID NOS: 1291

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 200

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

US-10-184-085A-200

Query Match 0.8%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 4.9e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

221 TGGATGAGAGTGGTGGTG 241
21 TGGATGAGAGCGGAGAGTG 1

SULT 353

-10-184-085A-236/c
Sequence 236, Application US/10184085A
Publication No. US20030152950A1

GENERAL INFORMATION:

APPLICANT: Garner, Harold R.

APPLICANT: Minna, John D.

APPLICANT: Luebke, Kevin, J.

APPLICANT: Balog, Robert P.

TITLE OF INVENTION: Identification of Chemically Modified Polymers

FILE REFERENCE: 119929-1035

CURRENT APPLICATION NUMBER: US/10/184,085A

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR FILING DATE: 2001-06-27

NUMBER OF SEQ ID NOS: 1291

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 236

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

-10-184-085A-236

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

221 TGGATGAGAGTGGTGGTG 241
21 TGGATGAGAGGGGAGAGTG 1

SULT 354

-10-184-085A-864/c
Sequence 864, Application US/10184085A
Publication No. US20030152950A1

GENERAL INFORMATION:

APPLICANT: Garner, Harold R.

APPLICANT: Minna, John D.

APPLICANT: Luebke, Kevin, J.

APPLICANT: Balog, Robert P.

TITLE OF INVENTION: Identification of Chemically Modified Polymers

FILE REFERENCE: 119929-1035

CURRENT APPLICATION NUMBER: US/10/184,085A

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR FILING DATE: 2001-06-27

NUMBER OF SEQ ID NOS: 1291

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 864

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

-10-184-085A-864

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

221 TGGATGAGAGTGGTGGTG 241
21 TGGATGAGAGTGGGAGAGCG 1

SULT 355

-10-388-281-35

; Sequence 35, Application US/10388281
; Publication No. US20030175784A1
; GENERAL INFORMATION:
; APPLICANT: Leary, Jeffrey J.
; APPLICANT: Tal-Singer, Ruth
; TITLE OF INVENTION: Method For Detecting, Analyzing, and
; TITLE OF INVENTION: Mapping RNA Transcripts
; FILE REFERENCE: P50772C1
; CURRENT APPLICATION NUMBER: US/10/388,281
; CURRENT FILING DATE: 2003-03-13
; PRIOR APPLICATION NUMBER: 09/719,714
; PRIOR FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 60/090,464
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: PCT/US99/13813
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 35
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-388-281-35

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 550 AAGCCCTCAGCGCGCGCTC 570
DB 1 AAGCGCTGATCCGCGACCTC 21

RESULT 356

US-10-349-143-7806/c

; Sequence 7806, Application US/10349143

; Publication No. US2004000584A1

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/10/349,143

; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 7806

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..21

; OTHER INFORMATION: upstream amplification primer 99-4126 for SEQ 3872,
US-10-349-143-7806

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 429 CAACCATCCCCCAGCAAGAT 449
DB 21 CAACCATCCCACTCAAGAT 1

```
RESULT 357
US-10-349-143-10136
; Sequence 10136, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-10104 for SEQ 2271, in comple
US-10-349-143-10136

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1060 ATCCCAAGACATCTCC 1080
||||| ||||| ||||| |||||
DB 1 ATCCCTACAGAGATAATCC 21

RESULT 358
US-10-085-198-461
; Sequence 461, Application US/10085198
; Publication No. US2004000907A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1

US-10-085-198-461
; SEQ ID NO 461
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-461

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 331 GTCACGAGGACTTGAAGATG 351
||||| ||||| ||||| |||||
DB 1 GTCGAAGAGGACCAAGAGATG 21

RESULT 359
US-10-050-888A-13/c
; Sequence 13, Application US/10050888A
; Publication No. US20040073376A1
; GENERAL INFORMATION:
; APPLICANT: Gesteland, Raymond F.
; APPLICANT: Atkins, John F.
; APPLICANT: Matveeva, Olga V.
; APPLICANT: Giddings, Michael C.
; TITLE OF INVENTION: Finding Active Antisense Oligonucleotides Using Artificial Neural
; TITLE OF INVENTION: Networks
; FILE REFERENCE: T9479.B
; CURRENT APPLICATION NUMBER: US/10/050,888A
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/262,993
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-050-888A-13

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 225 TGACAGTGTGTGTGTGTGGCGG 245
||||| ||||| ||||| |||||
DB 21 TGAGAGGGGAAGTGTGTGGGG 1

RESULT 360
US-10-476-021-4/c
; Sequence 4, Application US/10476021
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSIO
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-476-021-4
```

```
Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

338 AGGACTTGAAGTGGGCTG 358
||||| ||||| ||||| ||
21 AGGAATTGAAGTGGGGAGT 1

RESULT 361
US-10-786-720-6120/c
Sequence 6120, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6120
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-6120

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1297 AACGAGGAGTTCACACATAC 1317
||||| ||||| ||||| ||
21 AACGAGGAGTTCATGACTTAC 1

SULT 362
US-10-786-720-6372/c
Sequence 6372, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6372
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-6372

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1297 AACGAGGAGTTCACACATAC 1317
||||| ||||| ||||| ||
21 AACGAGGAGTTCATGACTTAC 1

SULT 363
US-10-786-720-13394/c
Sequence 13394, Application US/10786720
Publication No. US20040191818A1
```

```
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13394
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-13394

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1024 AAGCTGGCTGACTTTGGCCTG 1044
||||| ||||| ||||| ||
Db 21 AAGCTGCCTGAGCTTTGGCCTG 1

RESULT 364
US-10-786-720-14106/c
Sequence 14106, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 14106
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-14106

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1444 ATGAACATCCATCTTCCTC 1464
||||| ||||| ||||| ||
Db 21 AAGAAGCTTACATCTTCCTC 1

RESULT 365
US-10-786-720-17362/c
Sequence 17362, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 17362
LENGTH: 21
```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17362

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 1444 ATCAACATCCATCTTCCTC 1464
      ||||| ||||| ||||| |||||
Db 21 ATGAAGTATCCAATGTCCTC 1

RESULT 366
US-10-786-720-18550/c
; Sequence 18550, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18550
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-18550

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 1444 ATGAACATCCATCTTCCTC 1464
      ||||| ||||| ||||| |||||
Db 21 ATGAAGTATCCAATGTCCTC 1

RESULT 367
US-10-786-720-20510
; Sequence 20510, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20510
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20510

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 4.9e+02;
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

Cy 1287 CATCTGTCCACGAGGAGTT 1307
      ||:|:| ||||| ||||| |||||
Db 1 CAUCCUGGCCAAGGUGGAU 21

RESULT 368
US-10-786-720-20515
; Sequence 20515, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20515
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20515

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 1391 TCACCAAGCTGTTCAGTTTG 1411
      ||||| ||||| ||||| |||||
Db 1 TAACCAAGAAGTTCAGTTTCG 21

RESULT 369
US-10-786-720-20725
; Sequence 20725, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20725
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20725

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 1391 TCACCAAGCTGTTCAGTTTG 1411
      ||||| ||||| ||||| |||||
Db 1 TAACCAAGAAGTTCAGTTTCG 21

RESULT 370
US-10-786-720-20725
; Sequence 20725, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20725
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20725

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 1391 TCACCAAGCTGTTCAGTTTG 1411
      ||||| ||||| ||||| |||||
Db 1 TAACCAAGAAGTTCAGTTTCG 21

RESULT 370
US-09-969-373-3987/c
; Sequence 3987, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
```



```

: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
: OTHER INFORMATION: Sequence
: 13-09-997-594-18

```

```

Query Match      0.8;   Score 14.6;   DB 1;   Length 22;
Best Local Similarity 81.0;   Pred. No. 5.1e+02;
Matches 17;   Conservative 0;   Mismatches 4;   Indels 0;   Gaps 0;

Q7      886  GGGAAATCATCATCAACATGCAC 906
          ||| ||| ||| ||| ||| ||| |||
Ch      2  GGCAAAATCATCATCAACATCAAC 22

```

```

RESULT 375
US-09-997-594-33
Sequence 33, Application US/09997594
Publication No. US20030195149A1
GENERAL INFORMATION:
APPLICANT: Gangolli, Esha A
APPLICANT: Stone, David J
TITLE OF INVENTION: ENDOPEPTINE-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
TITLE OF INVENTION: AND METHODS OF USING THE SAME
FILE REFERENCE: 21402-213
CURRENT APPLICATION NUMBER: US/09/997,594
CURRENT FILING DATE: 2002-10-28
PRIOR APPLICATION NUMBER: 60/253,834
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: 60/264,180
PRIOR FILING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/313,656
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 62
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 33
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
OTHER INFORMATION: Sequence
US-09-997-594-33

```

Query Match	0.8%;	Score 14.6;	DB 1;	Length 22;
Best Local Similarity	81.0%;	Pred. No. 5.1e+02;		
Matches 17;	Conservative	0;	Mismatches 4;	Indels 0;
Gaps	0;			

Cy

886 GGGAACATCATCAACATGCAC 906
||| ||| ||| ||| ||| ||| ||| |||

Dd

2 GGCAAAATCATCAACATCAAC 22

```

RESULT 376
US-09-997-594-39
: Sequence 39, Application US/09997594
: Publication No. US20030195149A1
: GENERAL INFORMATION:
: APPLICANT: Gangolli, Esha A
: APPLICANT: Stone, David J
: TITLE OF INVENTION: ENDOPEPTINE-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
: FIELD OF INVENTION: AND METHODS OF USING THE SAME
: FILE REFERENCE: 21402-213
: CURRENT APPLICATION NUMBER: US/09/997,594
: CURRENT FILING DATE: 2002-10-28
: PRIOR APPLICATION NUMBER: 60/253,834
: PRIOR FILING DATE: 2000-11-29
: PRIOR APPLICATION NUMBER: 60/264,180
: PRIOR FILING DATE: 2001-01-25
: PRIOR APPLICATION NUMBER: 60/313,656
: PRIOR FILING DATE: 2001-08-20
: NUMBER OF SEQ ID NOS: 62
: SOFTWARE: PatentIn Ver. 2.1

```

```

; SEQ ID NO 39
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-09-997-594-39

```

Query Match	0.88	Score 14.6	DB 1	Length 22
Best Local Similarity	81.08	Pred.NO. 5.1e+02		
Matches 17	Conservative 0	Mismatches 4	Indels 0	Gaps 0
Qy	886	GGGAACATCATCAACATGCAC	906	
Db	2	GGCAAAATCATCAACATCAAC	22	

```

RESULT 377
US-09-997-594-51
; Sequence 51, Application US/09997594
; Publication No. US20030195149A1
; GENERAL INFORMATION:
; APPLICANT: Gangolli, Esha A
; APPLICANT: Stone, David J
; TITLE OF INVENTION: ENDOPEPTINE-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; TITLE OF INVENTION: AND METHODS OF USING THE SAME
; FILE REFERENCE: 21402-213
; CURRENT APPLICATION NUMBER: US/09/997,594
; CURRENT FILING DATE: 2002-10-28
; PRIOR APPLICATION NUMBER: 60/253,834
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/264,180
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/313,656
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-09-997-594-51

```

```

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred.No. 5.1e+00;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      886 GGGAAACATCATCAACATGCAC 906
      |||||
Db      2  GGCAAAATCATCAACATCAAC 22
      |||||

```

```

RESULT 378
US-09-864-426A-2106
: Sequence 2106, Application US/09864426A
: Publication No. US2004001849A1
: GENERAL INFORMATION:
: APPLICANT: Third Wave Technologies
: APPLICANT: Ma, Wu Po
: APPLICANT: Lyamichev, Victor
: APPLICANT: Saiser, Michael
: TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
: FILE REFERENCE: FORS-04946
: CURRENT APPLICATION NUMBER: US/09/864,426A
: CURRENT FILING DATE: 2001-05-24
: NUMBER OF SEQ ID NOS: 2840
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 2106
: LENGTH: 22
:

```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-864-426A-2106

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

395 ATGAGGTGCAGTCTCCAGTGA 415
|||||
2 ACGAGGGCGCACTCTCCTGTGA 22

SULT 379

-10-005-956-1278
Sequence 1278, Application US/10005956
Publication No. US20030113726A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/251,015

PRIOR FILING DATE: 2000-12-04

PRIOR APPLICATION NUMBER: 60/263,678

PRIOR FILING DATE: 2001-01-23

PRIOR APPLICATION NUMBER: 60/273,037

PRIOR FILING DATE: 2001-03-02

NUMBER OF SEQ ID NOS: 1579

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1278

LENGTH: 22

TYPE: DNA

ORGANISM: Homo sapiens

-10-005-956-1278

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1594 GTGGTGGACACGAGTCTCAA 1614
|||||
1 GTGGTGGCGCAGGAGTCTCA 21

SULT 380

-10-032-585-4011/c
Sequence 4011, Application US/10032585
Publication No. US20030180953A1

GENERAL INFORMATION:

APPLICANT: Terry, Roemer D.

APPLICANT: Bo, Jiang

APPLICANT: Charles, Boone

APPLICANT: Howard, Bussey

TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery

FILE REFERENCE: 10182-005-999

CURRENT APPLICATION NUMBER: US/10/032,585

CURRENT FILING DATE: 2001-12-20

NUMBER OF SEQ ID NOS: 8000

SOFTWARE: PatentIn version 3.1

SEQ ID NO 4011

LENGTH: 22

TYPE: DNA

ORGANISM: Candida albicans

-10-032-585-4011

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACGG 150
|||
DB 22 CGAATCAAGATGATCAAAACAG 2

RESULT 381

US-10-084-839-2106

; Sequence 2106, Application US/10084839
; Publication No. US20030186238A1

GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies

; APPLICANT: Allawi, Hatim

; APPLICANT: Argue, Brad T.

; APPLICANT: Bartholomay, Christian T.

; APPLICANT: Chehak, LuAnne

; APPLICANT: Curtis, Michelle L.

; APPLICANT: Eis, Peggy S.

; APPLICANT: Hall, Jeff G.

; APPLICANT: Ip, Hon S.

; APPLICANT: Ji, Lin

; APPLICANT: Kaiser, Michael

; APPLICANT: Kwiatkowski, Jr., Robert W.

; APPLICANT: Lukowiak, Andrew A.

; APPLICANT: Lyamichev, Victor

; APPLICANT: Lyamacheva, Natalie E.

; APPLICANT: Ma, WuPo

; APPLICANT: Neri, Bruce P.

; APPLICANT: Olson, Sarah M.

; APPLICANT: Olson-Munoz, Marilyn C.

; APPLICANT: Schaefer, James J.

; APPLICANT: Skrzypczynski, Zbigniew

; APPLICANT: Takova, Tsetska Y.

; APPLICANT: Thompson, Lisa C.

; APPLICANT: Vedvik, Kevin L.

; TITLE OF INVENTION: RNA Detection Assays

; FILE REFERENCE: FORS-06666

; CURRENT APPLICATION NUMBER: US/10/084,839

; CURRENT FILING DATE: 2002-02-26

; NUMBER OF SEQ ID NOS: 4004

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2106

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-084-839-2106

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 395 ATGAGGTGCAGTCTCCAGTGA 415
|||||
DB 2 ACGAGGGCGCACTCTCCTGTGA 22

RESULT 382

US-10-035-568-14

; Sequence 14, Application US/10035568

; Publication No. US20030207801A1

GENERAL INFORMATION:

; APPLICANT: Gerlach et al.

; TITLE OF INVENTION: No. US20030207801A1 Polypeptides and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-175

; CURRENT APPLICATION NUMBER: US/10/035,568

; CURRENT FILING DATE: 2002-05-02

; PRIOR APPLICATION NUMBER: 60/242,485

; PRIOR FILING DATE: 2000-10-23

; PRIOR APPLICATION NUMBER: 60/263,339

; PRIOR FILING DATE: 2000-01-22

; PRIOR APPLICATION NUMBER: 60/264,850

; PRIOR FILING DATE: 2001-01-29


```
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: primer
US-10-035-568-14

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      886 GGGAAATCATCAACATGCAC 906
Db      2 GCGAAATCATCAACATCAAC 22

RESULT 383
US-10-115-482-143
; Sequence 143, Application US/10115482
; Publication No. US20030212257A1
; GENERAL INFORMATION:
; APPLICANT: Spytek, et al.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; TITLE OF INVENTION: AND METHODS
; FILE REFERENCE: 21404-322D
; CURRENT APPLICATION NUMBER: US/10/115,482
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/285,325
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: 60/285,890
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: 60/286,068
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: 60/286,292
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: 60/287,213
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: 60/288,257
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/291,134
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/291,725
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: 60/294,771
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/296,965
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/299,128
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 143
; SEQ ID NO 143
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-115-482-143

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      600 TGGGAACCTGGAGACCTTACAT 620
Db      2 TAGAAATGGAGCGCTTACAT 22

RESULT 384
US-10-444-575-35
; Sequence 35, Application US/10444575
; Publication No. US20030232374A1
; GENERAL INFORMATION:
; APPLICANT: University of Connecticut Health Center
; APPLICANT: Kuchel, George A
; APPLICANT: Zhu, Qing
; TITLE OF INVENTION: Compositions and Methods Relating to Detrusor Estrogen-Regulated
; TITLE OF INVENTION: Protein (DERP)
; FILE REFERENCE: UCT-0035
; CURRENT APPLICATION NUMBER: US/10/444,575
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US 60/382,830
; PRIOR FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-444-575-35

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      957 CCGGCGAAGGTGCTACACG 977
Db      1 CAGGCGAAGAGGCTATACG 21

RESULT 385
US-10-161-927-97/c
; Sequence 97, Application US/10161927
; Publication No. US20030235821A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Miller, Charles E.
; APPLICANT: Hjal, Tord
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Baumgartner, Jason C.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Gangolli, Bsha A.
; APPLICANT: Vernet, Corine
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Gorman, Linda
; APPLICANT: Anderson, David W.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Patturajan, Meera
; APPLICANT: Stone, David J.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
; FILE REFERENCE: 21402-377 D (Cura 677 Other)
; CURRENT APPLICATION NUMBER: US/10/161,927
```

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CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: 60/295,661
PRIOR FILING DATE: 2001-06-04
PRIOR APPLICATION NUMBER: 60/295,607
PRIOR FILING DATE: 2001-06-04
PRIOR APPLICATION NUMBER: 60/296,404
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/296,418
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/296,575
PRIOR FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: 60/297,414
PRIOR FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: 60/297,567
PRIOR FILING DATE: 2001-06-12
PRIOR APPLICATION NUMBER: 60/298,528
PRIOR FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/325,685
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/299,133
PRIOR FILING DATE: 2001-06-18
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 190
SEQ ID NO 97
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
-10-161-927-97

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

155 TGTCAATGACACTCGAGGTG 175
|||||
22 TGTCTATGACATGCAAGAG 2

SULT 386
-10-114-270-237
Sequence 237, Application US/10114270
Publication No. US20040030110A1
GENERAL INFORMATION:
APPLICANT: Guo, Xiaojia
APPLICANT: Kekuda, Ramesh
APPLICANT: Miller, Charles E.
APPLICANT: Malyankar, Uriel M.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Patturajan, Meera
APPLICANT: Liu, Zhaozhong
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Li, Li
APPLICANT: Vernet, Corine
APPLICANT: Zerhusen, Bryan D.
APPLICANT: Gorman, Linda
APPLICANT: Shenoy, Suresh G.
APPLICANT: Pena, Carol E.A.
APPLICANT: Smithson, Glennnda
APPLICANT: Burgess, Catherine E.
APPLICANT: Gerlach, Valerie
APPLICANT: Padigar, Muralidhara
APPLICANT: Shimkets, Richard A.
APPLICANT: Gangolli, Esha A.
APPLICANT: Taupier Jr., Raymond J.
APPLICANT: Casman, Stacie J.
APPLICANT: Ji, Weizhen
APPLICANT: Anderson, David W.
APPLICANT: Lietze, Mario W.
APPLICANT: Rastelli, Luca
APPLICANT: Edinger, Shlomit R.
APPLICANT: Stone, David J.

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APPLICANT: MacDougall, John R.
APPLICANT: Rothenberg, Mark E.
TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-322C
CURRENT APPLICATION NUMBER: US/10/114,270
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: 60/281,086
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,136
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,863
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/281,906
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/282,020
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: 60/282,930
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/282,934
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/283,512
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/283,710
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/284,234
PRIOR FILING DATE: 2001-04-17
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 470
SEQ ID NO 237
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-114-270-237

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 600 TGGGAACTGGAGACCTACAT 620
|||||
DB 2 TAGGAAATGGACGCTACAT 22

RESULT 387
US-10-333-068-68/c
Sequence 68, Application US/10333068
Publication No. US20040101863A1
GENERAL INFORMATION:
APPLICANT: HATTORI, Hiroaki
TITLE OF INVENTION: METHOD OF DETECTING ABNORMALITY OF LIPID METABOLISM
FILE REFERENCE: Q73807
CURRENT APPLICATION NUMBER: US/10/333,068
CURRENT FILING DATE: 2003-01-16
PRIOR APPLICATION NUMBER: PCT/JP01/06153
PRIOR FILING DATE: 2001-07-21
PRIOR APPLICATION NUMBER: JPA 2000-218039
PRIOR FILING DATE: 2000-07-18
NUMBER OF SEQ ID NOS: 163
SOFTWARE: PatentIn version 3.2
SEQ ID NO 68
LENGTH: 22
TYPE: DNA
ORGANISM: Hominidae
FEATURE:
NAME/KEY: exon
LOCATION: (1)..(21)
US-10-333-068-68

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

QY 1331 ACCGAGCGAGGCGCTTTTGA 1351
|||||
Db 22 ACCGAGCGAGGCGCTTTGA 2
|||||

RESULT 388
US-09-827-998-543
; Sequence 543, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 543
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-543

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 AACTCGTCTGCACG 302
|||||
Db 2 AACTCGTCTGCACG 17
|||||

RESULT 389
US-09-827-998-545
; Sequence 545, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 545
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-545

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 288 ACTCGTCTGCACG 303
|||||
Db 1 ACTCGTCTGCACG 16
|||||

RESULT 390
US-09-263-959-900/c
; Sequence 900, Application US/09263959

; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 900:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-900

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGCGG 245
|||||
Db 17 GTGGTGGTGGTGG 2
|||||

RESULT 391
US-09-825-805-504
; Sequence 504, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adams, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1558
SOFTWARE: PatentIn version 3.0
SEQ ID NO 504
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-825-805-504

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

49 CCAGCAGTGTGACTGC 64
||||| |:|||||
1 CCAGCUGUGACUGC 16

SULT 392

-09-818-875-2930/c
Sequence 2930, Application US/09818875
Publication No. US20030051270A1

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2930
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-818-875-2930

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1631 CCAGCAGGCGGCT 1646
||||| |:|||||
17 CCAGCAGGCGTGGCT 2

SULT 393

-09-818-875-2931
Sequence 2931, Application US/09818875
Publication No. US20030051270A1

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2931
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-2931

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGGCGGCT 1646
||||| |:|||||
Db 1 CCAGCAGGCGTGGCT 16

RESULT 394

US-09-927-046-967
Sequence 967, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori
TITLE OF INVENTION: Channel-1
FILE REFERENCE: 249/021
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: PatentIn version 3.0
SEQ ID NO 967
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-927-046-967

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 672 AAGCAAGCTCACAGAC 687
||||| |:|||||
Db 1 AAGCAAGCTCACAAAC 16

RESULT 395

US-09-927-046-1610
Sequence 1610, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori
TITLE OF INVENTION: Channel-1
FILE REFERENCE: 249/021

```
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1610
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1610

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 146 AACGGCAGCTGTCAT 161
Db 2 AACUGCAGCUGCAAU 17

RESULT 396
US-09-927-046-1931
; Sequence 1931, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1931
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1931

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 604 AAACGTGAGACCTACA 619
Db 1 AAACUGAGACCUACA 16

RESULT 397
US-09-927-046-1995
; Sequence 1995, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1995
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1995

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1573 TCAGGCAGGCCAGCTT 1588
Db 2 UCAAGCAGGCCAGCUU 17

RESULT 398
US-09-780-164-740/c
; Sequence 740, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-740

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 395 ATCAGGTGCAGTCTCC 410
Db 17 ATCAGGTGCAGTCTCC 2

RESULT 399
US-10-060-756A-63/c
; Sequence 63, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
```

```
SEQ ID NO 63
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-060-756A-63

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

40 GCAGGAGGACGAGCAG 55
|||||
17 GCAGGAGGACGAGCAG 2

SULT 400
-10-060-756A-64/c
Sequence 64, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aesomica Sequence Listing Engine
SEQ ID NO 64
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-060-756A-64

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

40 GCAGGAGGACGAGCAG 55
|||||
16 GCAGGAGGACGAGCAG 1

SULT 401
-10-163-552-249
Sequence 249, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
FILE REFERENCE: HER2
FILE REFERENCE: MBH01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: PatentIn version 3.0
SEQ ID NO 249
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-249

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCACGAGTGTGACTGC 64
|||||
DB 1 CCAGCUGUGACUGC 16

RESULT 402
US-10-156-306-5004/c
; Sequence 5004, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Levels of IKK-Gamma and PKR
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5004
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5004

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTCC 937
|||||
DB 16 CTGCTCCAGCTGCTCC 1
```

```
RESULT 403
US-10-238-700-301/c
; Sequence 301, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4686
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 301
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-301

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 361 GGGGAGAGTGACGAGG 376
|||||
DB 17 GGGGAGAGTGACCATG 2
```

```
RESULT 404
US-10-260-638-183/c
; Sequence 183, Application US/10260638
; Publication No. US20030207327A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: COISOGENIC EUKARYOTIC CELL COLLECTIONS
; FILE REFERENCE: Napro-12 US
; CURRENT APPLICATION NUMBER: US/10/260,638
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 60/325,992
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 183
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: targeting oligonucleotide
US-10-260-638-183

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 GCCATCCGGGAAGTGT 760
Db 16 GGCATCCGGGAAGTGT 1

RESULT 405
US-10-260-638-184
; Sequence 184, Application US/10260638
; Publication No. US20030207327A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: COISOGENIC EUKARYOTIC CELL COLLECTIONS
; FILE REFERENCE: Napro-12 US
; CURRENT APPLICATION NUMBER: US/10/260,638
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 60/325,992
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 184
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: targeting oligonucleotide
US-10-260-638-184

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 GCCATCCGGGAAGTGT 760
Db 2 GGCATCCGGGAAGTGT 17

RESULT 406
US-10-209-787-2930/c
; Sequence 2930, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: GAMPER, HOWARD B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2931
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2931

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGCGCAGCGGCT 1646
Db 1 CCAGCAGCGCAGCGGCT 16

RESULT 407
US-10-209-787-2931
; Sequence 2931, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: GAMPER, HOWARD B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2931
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2931

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGCGCAGCGGCT 1646
Db 1 CCAGCAGCGCAGCGGCT 16
```

SULT 409
-10-261-185-2930/c
Sequence 2930, Application US/10261185
Publication No. US20040014057A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4CON
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2930
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-261-185-2930

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1631 CCAGCAGGCGCGCT 1646
|||||
17 CCAGCAGGCGAGTGGCT 2

SULT 409
-10-261-185-2931
Sequence 2931, Application US/10261185
Publication No. US20040014057A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4CON
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2931
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-261-185-2931

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1631 CCAGCAGGCGCGCT 1646
|||||
Db 1 CCAGCAGGCGAGTGGCT 16

RESULT 410
US-10-675-685-543
; Sequence 543, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 543
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-543

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 287 AACTTCGTTCTGCACG 302
|||||
Db 2 AACTTCGTTCTGCAAG 17

RESULT 411
US-10-675-685-545
; Sequence 545, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 545
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-545

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 288 ACTTCGTTCTGCACGG 303
|||||
Db 1 ACTTCGTTCTGCAAGG 16


```
RESULT 412
US-10-138-674-6740
; Sequence 6740, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCES: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6740
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.3e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1034 ACTTTGGCCTGGCCCG 1049
||::|||:|||||
Db 1 ACUUGGCUUGGCCCG 16
```

```
RESULT 413
US-10-138-674-7642/c
; Sequence 7642, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCES: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7642
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7642
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1503 TTCCATATTGCACTA 1518
|||||
Db 16 TTCCATATTGCACTA 1
```

```
RESULT 414
US-10-287-949A-6740
; Sequence 6740, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCES: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6740
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.3e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1034 ACTTTGGCCTGGCCCG 1049
||::|||:|||||
Db 1 ACUUGGCUUGGCCCG 16
```

```
RESULT 415
US-10-287-949A-7642/c
; Sequence 7642, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCES: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7642
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-7642
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1503 TTCCATATTGCACTA 1518
|||||
Db 16 TTCCATATTGCACTA 1
```

```
RESULT 416
US-10-681-074-2930/c
; Sequence 2930, Application US/10681074
; Publication No. US20040175722A1
; GENERAL INFORMATION:
; APPLICANT: KMIEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCES: Napro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
```

```
SEQ ID NO 2930
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-681-074-2930

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1631 CCAGCAGGCGCGCT 1646
|||||
17 CCAGCAGGCGAGTGGCT 2

SULT 417
-10-681-074-2931
Sequence 2931, Application US/10681074
Publication No. US2004017522A1
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2931
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-681-074-2931

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1631 CCAGCAGGCGCGCT 1646
|||||
1 CCAGCAGGCGAGTGGCT 16

SULT 418
-09-263-959-921/c
Sequence 921, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
```

```
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 320010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 921:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-921

Query Match          0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 230 GTGGTGGTGGTGGCGG 245
|||||
Db 17 GTGGTGGTGGTGGTGG 2

RESULT 419
US-10-197-290-19/c
Sequence 19, Application US/10197290
Publication No. US20030083300A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
FILE OF INVENTION: EXPRESSION
CURRENT APPLICATION NUMBER: US/10/197,290
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: 09/857,299
PRIOR FILING DATE: 2001-20-04
PRIOR APPLICATION NUMBER: PCT/US99/22083
PRIOR FILING DATE: 1999-09-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 19
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-197-290-19

Query Match          0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 513 CCTGGAGAAGCTGACC 528
|||||
Db 16 CCTGGAGAAGTTGACC 1

RESULT 420
US-10-317-449-67/c
Sequence 67, Application US/10317449
Publication No. US20030124608A1
GENERAL INFORMATION:
APPLICANT: MORIYA, Shogo
APPLICANT: ICHIHARA, Tatsuo
APPLICANT: SUZUKI, Oeamu
APPLICANT: URANO, Akihisa
APPLICANT: ABE, Syuichi
TITLE OF INVENTION: METHOD FOR DETERMINING CHUM SALMON HAPLOTYPE
FILE OF INVENTION: USING MITOCHONDRIAL DNA
FILE REFERENCE: OPI406
```

```
; CURRENT APPLICATION NUMBER: US/10/317,449
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: JP 2001-379926
; PRIOR FILING DATE: 2001-12-13
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-10-317-449-67
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 615 CTACATTAAGCTGGAC 630
Db 17 CTACATTAAGCAGGAC 2
```

```
RESULT 421
US-10-388-263-172/c
; Sequence 172, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 172
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-172
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 513 CCTGGAGAGCTGACC 528
Db 16 CCTGGAGAGCTGACC 1
```

```
RESULT 422
US-10-349-143-5066/c
; Sequence 5066, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
```

```
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5066
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-20616 for SEQ 1132,
US-10-349-143-5066
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 871 TACCTGGATGACTGTG 886
Db 17 TACCTGGATGACTGTG 2
```

```
RESULT 423
US-10-318-628-9
; Sequence 9, Application US/10318628
; Publication No. US20030191304A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulunga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-9
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 230 GTGGTGGTGGTGGCGG 245
Db 3 GTGGTGGTGGTGGTGG 18
```

```
RESULT 424
US-10-316-755-14
; Sequence 14, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
```

FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 14
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Probe
-10-316-755-14

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1721 GCCATGGTCACTGCC 1736
||||| |||||
3 GCCATGGTCACTGCC 18

SULT 425
-10-474-481A-34/c
Sequence 34, Application US/10474481A
Publication No. US20040171067A1
GENERAL INFORMATION:
APPLICANT: HINUMA, SYUJI
APPLICANT: FUJII, RYO
APPLICANT: KAWAMATA, YUJI
APPLICANT: MIWA, MASANORI
APPLICANT: HOSOYA, MASAKI
TITLE OF INVENTION: SCREENING METHOD
FILE REFERENCE: 59974(46342)
CURRENT APPLICATION NUMBER: US/10/474,481A
CURRENT FILING DATE: 2003-10-08
PRIOR APPLICATION NUMBER: PCT/JP02/03613
PRIOR FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: JP 2001-114203
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: JP 2001-180562
PRIOR FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: JP 2001-214922
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: JP 2001-397767
PRIOR FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: JP 2002-45728
PRIOR FILING DATE: 2002-02-22
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 34
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer
OTHER INFORMATION: Designed for TNF alpha quantification
-10-474-481A-34

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

676 AAGCTCACACAACC 691
||||| |||||
17 AAGCTCAGGACAACC 2

SULT 426
-09-898-361-105/c
Sequence 105, Application US/09898361
Publication No. US20030008732A1
GENERAL INFORMATION:
APPLICANT: Susan Murray

APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 105
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-105

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTGGCCTG 945
||||| |||||
DB 19 GCTGCTCCGTGGCCTG 4

RESULT 427
US-09-888-361-105/c
Sequence 105, Application US/09888361
Publication No. US20030064944A1
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/888,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 105
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-105

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTGGCCTG 945
||||| |||||
DB 19 GCTGCTCCGTGGCCTG 4

RESULT 428
US-10-032-585-5572
Sequence 5572, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5572
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

676 AAGCTCACACAACC 691
||||| |||||
17 AAGCTCAGGACAACC 2

SULT 426
-09-898-361-105/c
Sequence 105, Application US/09898361
Publication No. US20030008732A1
GENERAL INFORMATION:
APPLICANT: Susan Murray

UN-10-032-585-5572

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
|||||
CU 4 GTGGTGGTGGTGGTGG 19

RESULT 429

US-10-361-725A-24/c
; Sequence 24, Application US/10361725A
; Publication No. US20040009541A1
; GENERAL INFORMATION:
; APPLICANT: Singh, Bhuvanesh
; APPLICANT: Reddy, Prabhathi G.
; TITLE OF INVENTION: No. US20040009541A1el Carcinoma-Related Genes and
; TITLE OF INVENTION: Polypeptides and Methods of Use Thereof
; FILE REFERENCE: 402-01
; CURRENT APPLICATION NUMBER: US/10/361,725A
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/355,009
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-361-725A-24

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 756 AGTGCCCTGCTCAAG 771
|||
CU 20 ACTGTCCTGCTCAAG 5

RESULT 430

US-10-436-715-90/c
; Sequence 90, Application US/10436715
; Publication No. US20040018976A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING NOVEL HUMAN G-PROTEIN COUPLED RECEPTORS,
; TITLE OF INVENTION: AND SPLICE VARIANTS THEREOF
; FILE REFERENCE: D0262 NP
; CURRENT APPLICATION NUMBER: US/10/436,715
; CURRENT FILING DATE: 2003-05-13
; PRIOR APPLICATION NUMBER: U.S. 60/380,336
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 471
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-436-715-90

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 956 ACCGGCAGAAGTGCT 971
|||||
CU 16 ACCGGAAGAAGTGCT 1

RESULT 431

US-10-215-821-54
; Sequence 54, Application US/10215821
; Publication No. US20040029274A1
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG5 EXPRESSION
; FILE REFERENCE: RTS-0155
; CURRENT APPLICATION NUMBER: US/10/215,821
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 111
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-821-54

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 169 CGAGGTGGCCGAGGCA 184
|||||
DB 3 CGAGGTGGCCGAGGCA 18

RESULT 432

US-10-418-251-8
; Sequence 8, Application US/10418251
; Publication No. US20040073957A1
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/10/418,251
; CURRENT FILING DATE: 2003-04-18
; PRIOR APPLICATION NUMBER: US/09/033,936
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-8

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 356 CTGATGGGAGAGTGA 371
|||||
DB 5 CTGATGGTGAAGAGTGA 20

RESULT 433

US-10-298-994-85/c
; Sequence 85, Application US/10298994
; Publication No. US20040097446A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier

APPLICANT: Kenneth W. Dobie
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF CHECKPOINT KINASE 1 EXPRESSION
FILE REFERENCE: HTS-0006
CURRENT APPLICATION NUMBER: US/10/298,994
CURRENT FILING DATE: 2002-11-16
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-298-994-85

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1031 CTGACTTTGGCTGGC 1046
|||||
19 CTGACTTTGGCTTGGC 4

SULT 434
-10-298-994-192
Sequence 192, Application US/10298994
Publication No. US20040097446A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF CHECKPOINT KINASE 1 EXPRESSION
FILE REFERENCE: HTS-0006
CURRENT APPLICATION NUMBER: US/10/298,994
CURRENT FILING DATE: 2002-11-16
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 192
LENGTH: 20
TYPE: DNA
ORGANISM: M. musculus
FEATURE:

-10-298-994-192
Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1031 CTGACTTTGGCTGGC 1046
|||||
2 CTGACTTTGGCTTGGC 17

SULT 435
-10-671-074-64/c
Sequence 64, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Ellison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shuter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203
PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 64
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: Antisense Oligonucleotide
US-10-671-074-64

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1383 CGACCTCTCACCAG 1398
|||||
Db 20 CGACCTCATCACCAG 5

RESULT 436
US-10-718-948-4
Sequence 4, Application US/10718948
Publication No. US20040127575A1
GENERAL INFORMATION:
APPLICANT: Feng, Ying
APPLICANT: Higgings, Linda
APPLICANT: Kapoun, Ann
APPLICANT: Liu, David
APPLICANT: Schreiner, George
TITLE OF INVENTION: METHOD FOR COUNTERACTING A PATHOLOGIC
TITLE OF INVENTION: CHANGE IN THE BETA-ADRENERGIC PATHWAY
FILE REFERENCE: 39739-0029
CURRENT APPLICATION NUMBER: US/10/718,948
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/504585
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: 60/429046
PRIOR FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-718-948-4

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1315 TACAACTACCCCAAGT 1330
|||||
Db 4 TACAACTACCCCAAGT 19

RESULT 437
US-10-671-395-766/c
Sequence 766, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 766
LENGTH: 20
TYPE: DNA
ORGANISM: artificial

FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-766

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGGAGAGCTG 525
DB 20 CTACCTGGGAGAGCTG 5

RESULT 438
US-10-671-395-992/c
Sequence 992, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patent in version 3.2
SEQ ID NO 992
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-992

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGGAGAGCTG 525
DB 19 CTACCTGGGAGAGCTG 4

RESULT 439
US-09-765-081-326
Sequence 326, Application US/09765081
Patent No. US20020037508A1
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825 2008-001
CURRENT APPLICATION NUMBER: US/09/765,081
CURRENT FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: US 60/176,861
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 461
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 326
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-765-081-326

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 886 GGGACATCATCAACATG 903

DB 2 GGGACAGCMTCACATG 19

RESULT 440
US-09-881-012-24/c
Sequence 24, Application US/09881012
Publication No. US20020192655A1
GENERAL INFORMATION:
APPLICANT: Gims, Edward I.
APPLICANT: Egeland, Janice A.
APPLICANT: Paul, Steven M.
APPLICANT: The Government of the United States of America
APPLICANT: as represented by The Secretary of the
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: Susceptibility and Resistance Genes for
TITLE OF INVENTION: Bipolar Affective Disorder
FILE REFERENCE: 015280-248110US
CURRENT APPLICATION NUMBER: US/09/881,012
CURRENT FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US/09/175,158
PRIOR FILING DATE: 1998-10-19
PRIOR APPLICATION NUMBER: US 60/062,924
PRIOR FILING DATE: 1997-10-20
NUMBER OF SEQ ID NOS: 240
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: D15S1032 primer
US-09-881-012-24

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 315 CTCTGCACCAGAGATT 330
DB 18 CTATGCACCAGAGATT 3

RESULT 441
US-10-184-085A-1062
Sequence 1062, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1062
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-1062

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 555 CCTCAGCCGCCGCTC 570
DB 6 CCTCAGCCGCCGCCC 21

SULT 442
-10-184-085A-1065
Sequence 1065, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1065
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-184-085A-1065

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

555 CCTCAGCGCGCGCTC 570
|||||
3 CCTCAGCGCGCGCCCC 18

SULT 443
-10-184-085A-1099
Sequence 1099, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1099
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-184-085A-1099

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

555 CCTCAGCGCGCGCTC 570
|||||
5 CCTCAGCGCGCGCCCC 20

SULT 444
-10-184-085A-1100
Sequence 1100, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.

APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1100
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-1100

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 555 CCTCAGCGCGCGCTC 570
|||||
Db 4 CCTCAGCGCGCGCCCC 19

RESULT 445
US-10-184-085A-1102
Sequence 1102, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1102
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-1102

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 555 CCTCAGCGCGCGCTC 570
|||||
Db 2 CCTCAGCGCGCGCCCC 17

RESULT 446
US-10-184-085A-1103
Sequence 1103, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1103
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
K-10-184-085A-1103

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 555 CTTACGCCCGCCTC 570
|||||
Db 1 CCTCAGCGCGGCC 16

RESULT 447

US-10-786-720-13048/c
; Sequence 13048, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13048
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-786-720-13048

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAA 146
|||||
Db 19 GGATAAAGAAGATCAA 4

RESULT 448

US-10-786-720-13049/c
; Sequence 13049, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13049
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand

US-10-786-720-13049

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAA 146
|||||

Db 17 GGATAAAGAAGATCAA 2

RESULT 449

US-10-786-720-13050
; Sequence 13050, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13050
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13050

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAA 146
|||||
Db 3 GGAUAAAGAAGATCAA 18

RESULT 450

US-10-786-720-13099/c
; Sequence 13099, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13099
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-786-720-13099

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAA 146
|||||
Db 20 GGATAAAGAAGATCAA 5

RESULT 451

US-10-786-720-13100/c
; Sequence 13100, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13100
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
-10-786-720-13100

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

131 GGATGAAGAGATCAA 146
18 GGATAAAGAGATCAA 3

SULT 452
-10-786-720-13101
Sequence 13101, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13101
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
-10-786-720-13101

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

131 GGATGAAGAGATCAA 146
2 GGAUAAAGAGAUCAA 17

SULT 453
-10-606-133-219
Sequence 219, Application US/10606133
Publication No. US20040132047A1
GENERAL INFORMATION:
APPLICANT: Fortina, Paolo
APPLICANT: Maris, John M.
APPLICANT: Gelfand, Craig A.
TITLE OF INVENTION: Methods for Detection of Genetic
Alterations Associated with Cancer
FILE REFERENCE: CHOP.0182US
CURRENT APPLICATION NUMBER: US/10/606,133
CURRENT FILING DATE: 2003-06-25
PRIOR APPLICATION NUMBER: 60/391,515
PRIOR FILING DATE: 2002-06-25
NUMBER OF SEQ ID NOS: 282
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 219
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer

US-10-606-133-219

Query Match 0.8%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 402 GCAGTCTCCAGTGAGA 417
Db 5 GAAGTCTCCAGTGAGA 20

RESULT 454
US-09-912-680-1
Sequence 1, Application US/09913680
Publication No. US20010051611A1
GENERAL INFORMATION:
APPLICANT: Srivastava, Arun
APPLICANT: Ponnazhagan, Selvarangan
APPLICANT: Chloemer, Robert H.
APPLICANT: Wang, Xu-Shan
APPLICANT: Yoder, Mervin C.
APPLICANT: Zhou, Shang-Zhen
APPLICANT: Escobedo, Jaime
APPLICANT: Varivani, Dwarki
TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)
FILE REFERENCE: 1242.003
CURRENT APPLICATION NUMBER: US/09/912,680
CURRENT FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: US/08/921,497
PRIOR FILING DATE: 1997-09-02
PRIOR APPLICATION NUMBER: US 60/025,616
PRIOR FILING DATE: 1996-09-06
PRIOR APPLICATION NUMBER: US 60/025,649
PRIOR FILING DATE: 1996-09-11
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: The full sequence for lacZ from plasmid pCMV p-lacZ is found in
OTHER INFORMATION: Ponnazhagan, et al., J. Gen Virol., 77:1111-1122 (1996)
NAME/KEY: misc feature
OTHER INFORMATION: primer for lacZ
US-09-912-680-1

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 223 GATGAGAGTGTGTGTGTG 241
Db 1 GATGAGCGTGTGTGTATG 19

RESULT 455
US-09-908-594-51/c
Sequence 51, Application US/09908594
Publication No. US20020187950A1
GENERAL INFORMATION:
APPLICANT: Lafleur, et al.
TITLE OF INVENTION: Keratinocyte Derived Interferon
FILE REFERENCE: PF482P2
CURRENT APPLICATION NUMBER: US/09/908,594
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: 60/292,934
PRIOR FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 60/219,621
PRIOR FILING DATE: 2000-07-21
PRIOR APPLICATION NUMBER: 09/487,792
PRIOR FILING DATE: 2000-01-20

; PRIOR APPLICATION NUMBER: US00/01239
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: 09/358,587
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: US99/16424
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 60/093,643
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Primer Bind
; OTHER INFORMATION: Synthetic primer complementary to the human IFN α 2.
US-09-908-594-51

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 TCCAGTGTCCGGGGCT 944
||| ||||| ||||| ||
Db 19 TCAAGCTGCTCTGTGGCT 1

RESULT 456
US-09-844-653-113
; Sequence 113, Application US/09844653
; Publication No. US20030054347A1
; GENERAL INFORMATION:
; APPLICANT: Richards, Julia
; APPLICANT: Rozsa, Frank
; TITLE OF INVENTION: Detecting and Treating Eye Disease
; FILE REFERENCE: UM-06105
; CURRENT APPLICATION NUMBER: US/09/844,653
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 113
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-844-653-113

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1446 GAAACATCCATTCTCTC 1464
||| ||||| ||||| ||
Db 1 GATCCATCCATTCTTCCAC 19

RESULT 457
US-10-046-671B-11/c
; Sequence 11, Application US/10046671B
; Publication No. US20030152592A1
; GENERAL INFORMATION:
; APPLICANT: Boot, Hendrik J.
; APPLICANT: Huurne ter, Anna A.H.M.
; APPLICANT: Peeters, Bernardus P.H.
; TITLE OF INVENTION: Mosaic Infectious Bursal Disease Virus Vaccines
; FILE REFERENCE: 2183-5238US
; CURRENT APPLICATION NUMBER: US/10/046,671B
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: PCT/NL00/00493
; PRIOR FILING DATE: 2000-07-13
; PRIOR APPLICATION NUMBER: EP 99202316.8

; PRIOR FILING DATE: 1999-07-14
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Infectious bursal disease virus
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Primer AC9
US-10-046-671B-11

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1167 GGGCTGCATCTTCTATGAG 1185
||| ||||| ||||| ||
Db 19 GGTCTCCATCTCTTTGAG 1

RESULT 458
US-10-109-799-1
; Sequence 1, Application US/10109799
; Publication No. US20030166284A1
; GENERAL INFORMATION:
; APPLICANT: Srivastava, Arun
; APPLICANT: Ponnazhagan, Selvarangan
; APPLICANT: Chloemer, Robert H.
; APPLICANT: Wang, Xu-Shan
; APPLICANT: Yoder, Mervin C.
; APPLICANT: Zhou, Shang-Zhen
; APPLICANT: Escobedo, Jaime
; APPLICANT: Variwani, Dwariki
; TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)
; FILE REFERENCE: 1242.003
; CURRENT APPLICATION NUMBER: US/10/109,799
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US/08/921,497
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 60/025,616
; PRIOR FILING DATE: 1996-09-06
; PRIOR APPLICATION NUMBER: US 60/025,649
; PRIOR FILING DATE: 1996-09-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The full sequence for lacZ from plasmid PCMV p-lacZ is found in
; OTHER INFORMATION: Ponnazhagan, et al., J. Gen Virol., 77:1111-1122 (1996)
; NAME/KEY: misc feature
; OTHER INFORMATION: primer for lacZ
US-10-109-799-1

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 223 GATGAGGTGGTGGTGGTG 241
||| ||||| ||||| ||
Db 1 GATGAGGTGGTGGTGGTG 19

RESULT 459
US-10-313-211-12/c
; Sequence 12, Application US/10313211
; Publication No. US20030224385A1
; GENERAL INFORMATION:
; APPLICANT: Pihan, German

TITLE OF INVENTION: TARGETED GENETIC RISK-STRATIFICATION

TITLE OF INVENTION: USING MICROARRAYS
FILE REFERENCE: 07917-158001
CURRENT APPLICATION NUMBER: US/10/313,211
PRIOR FILING DATE: 2002-12-06
PRIOR APPLICATION NUMBER: US 60/338,442
PRIOR FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: US 60/423,793
PRIOR FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 159
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 12
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
-10-313-211-12

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1674 AGCCCCCAACTACATCTTC 1692
|||||||
19 AGCCCCCAACTCTCTGCG 1

SULT 460

-10-188-779A-13/c
Sequence 13, Application US/10188779A
Publication No. US20040005567A1

GENERAL INFORMATION:

APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Doble

TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION

FILE REFERENCE: P7S-0042
CURRENT APPLICATION NUMBER: US/10/188,779A
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 282
SEQ ID NO 13
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
-10-188-779A-13

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1153 GACATGTGGGGTGGGCT 1171
|||||||
19 GACATGTGGAGGTTGGCT 1

SULT 461

-10-380-236A-20/c
Sequence 20, Application US/10380236A
Publication No. US20040126860A1

GENERAL INFORMATION:

APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
APPLICANT: REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND
APPLICANT: HUMAN SERVICES

APPLICANT: Epstein, Neal
APPLICANT: Hassanzadeh, Shahin
APPLICANT: Davis, Julien S.

APPLICANT: Winitzky, Steven S.

TITLE OF INVENTION: Optimize Cardiac Contraction Through Differential Phosphorylation
FILE REFERENCE: 4239-64779

CURRENT APPLICATION NUMBER: US/10/380,236A
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 60/232,246
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US 60/232,456
PRIOR FILING DATE: 2000-09-13
PRIOR APPLICATION NUMBER: PCT/US01/28639
PRIOR FILING DATE: 2001-09-12
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: rabbit skeletal muscle
US-10-380-236A-20

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 969 GCTACACCGACCTCAAG 987
|||||
DB 19 GCTGACCTGGACCTCAAG 1

RESULT 462

US-10-665-951-188
Sequence 188, Application US/10665951
Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MHE02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 188
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-188

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 5.2e+02;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGCGCCGAG 1051
DB 1 GAUUUGGCCUUGCCCGG 19

RESULT 463

US-10-665-951-615/c
Sequence 615, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 615
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-665-951-615

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGCGCCGAG 1051
DB 19 GATTTTGGCTTGCCCGG 1

RESULT 464

US-10-665-951-1680
Sequence 1680, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1680

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re

Query Match 0.8%; Score 14.2; DB 1; Length 19;

Best Local Similarity 63.2%; Pred. No. 5.2e+02;

Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1036 TTGTGGCTGCGCCGAGCCA 1054
DB 1 UUUGGCCUUGCCCGGACA 19

RESULT 465

US-10-665-951-1927/c
Sequence 1927, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBHB02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: US 10/664,668

PRIOR FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: PCT/US 03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 10/287,949

PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1927
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
-10-665-951-1927

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1036 TTTGGCCTGGCCCGAGCCA 1054
|||||
19 TTTGGCCTGGCCGGGACA 1

SULT 466
-10-683-990-23/c
Sequence 23, Application US/10683990
Publication No. US20040198682A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics
APPLICANT: McSwiggen, James
APPLICANT: Usman, Naasim
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/134 (02-742-H)
CURRENT APPLICATION NUMBER: US/10/683,990
CURRENT FILING DATE: 2003-10-10
PRIOR APPLICATION NUMBER: PCT/US03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 256
SOFTWARE: PatentIn version 3.2
SEQ ID NO 120
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-683-990-120

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 GAGGCCCGCAGCAGCG 1643
Db 1 GGGGGCACAGCAGCG 1

RESULT 467
US-10-683-990-120
Sequence 120, Application US/10683990
Publication No. US20040198682A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics
APPLICANT: McSwiggen, James
APPLICANT: Usman, Naasim
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/134 (02-742-H)
CURRENT APPLICATION NUMBER: US/10/683,990
CURRENT FILING DATE: 2003-10-10
PRIOR APPLICATION NUMBER: PCT/US03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 256
SOFTWARE: PatentIn version 3.2
SEQ ID NO 120
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-683-990-120

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 GAGGCCCGCAGCAGCG 1643
Db 1 GGGGGCACAGCAGCG 19

RESULT 468
US-09-923-517-99/c
Sequence 99, Application US/09923517
Publication No. US20020039741A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1

PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1927
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
-10-665-951-1927

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1036 TTTGGCCTGGCCCGAGCCA 1054
|||||
19 TTTGGCCTGGCCGGGACA 1

SULT 466
-10-683-990-23/c
Sequence 23, Application US/10683990
Publication No. US20040198682A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics
APPLICANT: McSwiggen, James
APPLICANT: Usman, Naasim
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/134 (02-742-H)
CURRENT APPLICATION NUMBER: US/10/683,990
CURRENT FILING DATE: 2003-10-10
PRIOR APPLICATION NUMBER: PCT/US03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 256
SOFTWARE: PatentIn version 3.2
SEQ ID NO 120
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-683-990-120

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 GAGGCCCGCAGCAGCG 1643
Db 1 GGGGGCACAGCAGCG 19

RESULT 468
US-09-923-517-99/c
Sequence 99, Application US/09923517
Publication No. US20020039741A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1


```
-09-791-406-66
Sequence 66, Application US/09791406
Patent No. US20020147165A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Robert Rothlein
APPLICANT: Takashi Kei Kishimoto
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/791.406
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-791-406-66

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

928 CAGTCGCTCCGTGCGCTGG 946
||||| ||||| ||||| |||||
2 CAGCTCGCTCTTGGCCTGG 20

SULT 473
-09-833-555-7
Sequence 7, Application US/09833555
Patent No. US20020151000A1
GENERAL INFORMATION:
APPLICANT: Ozaki, Akio
APPLICANT: Mori, Hideo
APPLICANT: Shibasaki, Takeshi
APPLICANT: Ando, Katsuhiko
APPLICANT: Chiba, Shigeru
TITLE OF INVENTION: Process for Producing
TITLE OF INVENTION: Trans-4-Hydroxy-L-Proline
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESS: ANTONELLI, TERRY, STOUT AND KRAUS, LLP
STREET: 1300 NORTH SEVENTEENTH STREET
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22209
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/833.555
APPLICATION NUMBER: US/09/833.555
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/104,382
FILING DATE:
APPLICATION NUMBER: 08/709,874
FILING DATE: 09-SEP-1996
APPLICATION NUMBER: 08/301,653
FILING DATE: 07-SEP-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/482,554
FILING DATE: 07-JUN-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Terry, David T.
```

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;
; REGISTRATION NUMBER: 20178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-312-6600
; TELEFAX: 703-312-6666
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-833-555-7

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      856 AAGGACCTGAAGCAGTACC 874
      ||||| ||||| ||||| |||||
Db      1 ACGGAGCTCAAGCAGTACC 19

RESULT 474
US-09-766-173C-6
Sequence 6, Application US/09766173C
Patent No. US20020172945A1
GENERAL INFORMATION:
APPLICANT: Carroll, George C.
TITLE OF INVENTION: Materials and Methods For Detection of
TITLE OF INVENTION: Pathogenic Guignardia Citricarpa
FILE REFERENCE: Oregon 99-09
CURRENT APPLICATION NUMBER: US/09/766.173C
CURRENT FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: PCT/US01/01735
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/177,013
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-766-173C-6

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1549 CTTGGTCTTCGTGATGC 1567
      ||||| ||||| ||||| |||||
Db      2 CTGCGTCTTCATCGATGC 20

RESULT 475
US-09-766-173C-7/c
Sequence 7, Application US/09766173C
Patent No. US20020172945A1
GENERAL INFORMATION:
APPLICANT: Carroll, George C.
TITLE OF INVENTION: Materials and Methods For Detection of
TITLE OF INVENTION: Pathogenic Guignardia Citricarpa
FILE REFERENCE: Oregon 99-09
CURRENT APPLICATION NUMBER: US/09/766.173C
CURRENT FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: PCT/US01/01735
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/177,013
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSeq for Windows Version 3.0
```



```

; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-766-173C-7

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCCGTTCTTCGTCGATGC 1567
      ||||| ||||| |||||
Db 19 CTGCGTTCTTCATCGATGC 1

RESULT 476
US-09-774-809-121/c
; Sequence 121, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-121

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1424 GGATCTCCGACGAGGATGC 1442
      ||||| ||||| |||||
Db 20 GGATCTCCGTAGACGAAGC 2

RESULT 477
US-09-766-450-69/c
; Sequence 69, Application US/09766450
; Publication No. US20030022166A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Colin
; APPLICANT: Vollik, Stanislav
; APPLICANT: Gray, Joe W.
; APPLICANT: Albertson, Donna G.
; APPLICANT: Pinkel, Daniel
; TITLE OF INVENTION: The Regents of the University of California
; TITLE OF INVENTION: Repeat-Free Probes for Molecular
; FILE REFERENCE: 023071-111800US
; CURRENT APPLICATION NUMBER: US/09/766,450
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1725 TGTTCACTCGCCACTTGT 1743
      ||||| ||||| |||||
Db 19 TTTTCACTCGACCTTGT 1

RESULT 478
US-09-935-316-3/c
; Sequence 3, Application US/09935316
; Publication No. US20030083286A1
; GENERAL INFORMATION:
; APPLICANT: Weinbach, Susan
; APPLICANT: Tillman, Lloyd G.
; APPLICANT: Geary, Richard H.
; APPLICANT: Hardsee, Gregory E.
; TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestinal
; TITLE OF INVENTION: Absorption
; FILE REFERENCE: ISIS4823
; CURRENT APPLICATION NUMBER: US/09/935,316
; CURRENT FILING DATE: 2001-08-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-935-316-3

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAACG 149
      ||||| ||||| |||||
Db 20 GCAAGAAGAAGACCAACG 2

RESULT 479
US-09-919-197-73/c
; Sequence 73, Application US/09919197
; Publication No. US20030083484A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/09/919,197
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-919-197-73

Query Match          0.8%; Score 14.2; DB 1; Length 20;
```

```
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1111 CCTGACATCTCTGCTGGT 1129
||| ||||| ||||| |||||
20 CCTCTCTCTCTGCTGGT 2

SULT 480
-09-953-047-90/c
Sequence 90, Application US/09953047
Publication No. US20030087854A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
FILE REFERENCE: RTS-0157
CURRENT APPLICATION NUMBER: US/09/953,047
CURRENT FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-953-047-90

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

335 ACGAGGACTTGAAGATGG 353
||| ||||| ||||| |||||
20 ACGGGTACCTGAAGATGG 2

SULT 481
-09-939-379B-2
Sequence 2, Application US/09939379B
Publication No. US20030099946A1
GENERAL INFORMATION:
APPLICANT: Syngenta Biotechnology Inc.
APPLICANT: Barnett, Charles Jason
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase Chain Reaction
FILE REFERENCE: 60063P1
CURRENT APPLICATION NUMBER: US/09/939,379B
CURRENT FILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1).. (20)
OTHER INFORMATION: Primer ITS2
-09-939-379B-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1549 CTTGGTCTCTCGATGC 1567
||| ||||| ||||| |||||
2 CTGGCTTCTCATCATGC 20

SULT 482
-09-939-379B-3/c
Sequence 3, Application US/09939379B
```

```
; Publication No. US20030099946A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase Chain Reaction
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/09/939,379B
; CURRENT FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1).. (20)
; OTHER INFORMATION: Primer ITS3
US-09-939-379B-3

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGGTCTCTCGATGC 1567
||| ||||| ||||| |||||
DB 19 CTGGCTTCTCATCATGC 1

RESULT 483
US-09-972-607-86
; Sequence 86, Application US/09972607;
; Publication No. US20030105037A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/09/972,607
; CURRENT FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-972-607-86

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 78 AGGGCCCCCGCGCTCTGAG 96
||| ||||| ||||| |||||
DB 1 AGGGCCCCCGCGCTCCGAG 19

RESULT 484
US-09-961-001-73/c
; Sequence 73, Application US/09961001
; Publication No. US20030109466A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION
; FILE REFERENCE: RTS-0280
; CURRENT APPLICATION NUMBER: US/09/961,001
; CURRENT FILING DATE: 2001-09-20
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 73
; LENGTH: 20
```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-961-001-73

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 366 GAGTGACCGGCTTCAGCC 384
||| ||||| ||||| ||||| |||||
Db 19 GAGAGACCCAGCTTCAGCC 1

RESULT 485

US-09-961-755A-10
Sequence 10, Application US/09961755A
Publication No. US20030113722A1

GENERAL INFORMATION:
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Fusarium Species infecting Corn Using the
TITLE OF INVENTION: Polymerase Chain Reaction
FILE REFERENCE: 60055
CURRENT APPLICATION NUMBER: US/09/961,755A
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.0
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(20)
OTHER INFORMATION: Primer ITS2
US-09-961-755A-10

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTCGGTCTTCGTCGATGC 1567
||| ||||| ||||| ||||| |||||
Db 2 CTCGGTCTTCATCGATGC 20

RESULT 486

US-09-961-755A-11/c
Sequence 11, Application US/09961755A
Publication No. US20030113722A1

GENERAL INFORMATION:
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Fusarium Species infecting Corn Using the
TITLE OF INVENTION: Polymerase Chain Reaction
FILE REFERENCE: 60055
CURRENT APPLICATION NUMBER: US/09/961,755A
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.0
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(20)
OTHER INFORMATION: Primer ITS3
US-09-961-755A-11

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTCGGTCTTCGTCGATGC 1567
||| ||||| ||||| ||||| |||||
Db 19 CTGCGTCTTCATCGATGC 1

RESULT 487

US-09-944-493-3/c
Sequence 3, Application US/09944493
Publication No. US20030124196A1

GENERAL INFORMATION:
APPLICANT: Weinbach, Susan
APPLICANT: Tillman, Lloyd G.
APPLICANT: Geary, Richard H.
TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestinal
TITLE OF INVENTION: Absorption
FILE REFERENCE: ISIS4823
CURRENT APPLICATION NUMBER: US/09/944,493
CURRENT FILING DATE: 2001-08-21
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-944-493-3

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 131 GGATGAAGAAGATCAACG 149
||| ||||| ||||| ||||| |||||
Db 20 GCAAGAAGAAGACCAACG 2

RESULT 488

US-09-843-377-49
Sequence 49, Application US/09843377
Publication No. US20030176371A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
FILE REFERENCE: RTS-0235
CURRENT APPLICATION NUMBER: US/09/843,377
CURRENT FILING DATE: 2001-04-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-49

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 62 TGCTGAACCCAGGGGAGG 80
||| ||||| ||||| ||||| |||||
Db 2 TGCTGAAGCTCAGTGAGG 20

RESULT 489

US-09-781-712B-20
Sequence 20, Application US/09781712B

Publication No. US20040180433A1
GENERAL INFORMATION: Stanley T
APPLICANT: Crooke, Stanley T
APPLICANT: Lima, Walter
APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Methods of Using Mammalian RNase H and Compositions Thereof
FILE REFERENCE: ISPH-0520
CURRENT APPLICATION NUMBER: US/09/781,712B
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: US 60/067,458
PRIOR FILING DATE: 1997-12-04
PRIOR APPLICATION NUMBER: US 09/203,716
PRIOR FILING DATE: 1998-12-02
PRIOR APPLICATION NUMBER: US 09/343,809
PRIOR FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: US 09/684,254
PRIOR FILING DATE: 2000-10-06
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-781-712B-20

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
553 CCCCTCAGCGCGCGCTCC 571
1 CGCCTCAGCGCGCACCC 19

SULT 490
-09-781-712B-20/c
Sequence 20, Application US/09781712B
Publication No. US20040180433A1
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T
APPLICANT: Lima, Walter
APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Methods of Using Mammalian RNase H and Compositions Thereof
FILE REFERENCE: ISPH-0520
CURRENT APPLICATION NUMBER: US/09/781,712B
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: US 60/067,458
PRIOR FILING DATE: 1997-12-04
PRIOR APPLICATION NUMBER: US 09/203,716
PRIOR FILING DATE: 1998-12-02
PRIOR APPLICATION NUMBER: US 09/343,809
PRIOR FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: US 09/684,254
PRIOR FILING DATE: 2000-10-06
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-781-712B-20

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
234 TGGTGGTGGCGGCGAGTGC 252
20 TGGTGGTGGCGGCTGAGGC 2

RESULT 491
US-10-199-559-2
; Sequence 2, Application US/10199559
; Publication No. US20030099975A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
; TITLE OF INVENTION: Chain Reaction
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/10/199,559
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: US/09/939,379B
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) . . (20)
; OTHER INFORMATION: Primer ITS2
US-10-199-559-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1549 CTTGGTCTTCGTCGATGC 1567
DB 2 CTGGCTTCTTCATCATGC 20

RESULT 492
US-10-199-559-3/c
; Sequence 3, Application US/10199559
; Publication No. US20030099975A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
; TITLE OF INVENTION: Chain Reaction
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/10/199,559
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: US/09/939,379B
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) . . (20)
; OTHER INFORMATION: Primer ITS3
US-10-199-559-3

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1549 CTTGGTCTTCGTCGATGC 1567
DB 19 CTGGCTTCTTCATCATGC 1

```
RESULT 493
US-10-105-211B-1
; Sequence 1, Application US/10105211B
; Publication No. US20030104045A1
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; APPLICANT: Virtanen, Sinikka
; TITLE OF INVENTION: Antiviral supramolecules containing
; TITLE OF INVENTION: target-binding molecules and therapeutic molecules bound to
; TITLE OF INVENTION: Spectrin
; FILE REFERENCE: 18950-14
; CURRENT APPLICATION NUMBER: US/10/105,211B
; CURRENT FILING DATE: 1999-09-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotides utilized for the exemplary preparation
; OTHER INFORMATION: of an antibody-multizyme supramolecule according to the teachings
; OTHER INFORMATION: of the present invention. MMT-AP-CEDIPPA introduced at the 5'
; OTHER INFORMATION: position.
US-10-105-211B-1

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 TGAAGAGGGGCGCACCTGC 741
    ||||| ||||| ||||| |||||
DB 1 TGGAGATGGGGCACCATGC 19

RESULT 494
US-10-203-860-18/c
; Sequence 18, Application US/10203860
; Publication No. US20030108904A1
; GENERAL INFORMATION:
; APPLICANT: WAKAMIYA, No. US20030108904A1utaka
; TITLE OF INVENTION: No. US20030108904A1el Scavenger Receptor
; FILE REFERENCE: 19036/38693
; CURRENT APPLICATION NUMBER: US/10/203,860
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 2000-35155
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 2000-309068
; PRIOR FILING DATE: 2000-10-10
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence of a Synthetic TGP1 Primer for Cap Site Sequencing.
US-10-203-860-18

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 595 GCGTTGGGAAACTGGAGA 613
    ||||| ||||| ||||| |||||
DB 19 GGATTAGGGAACCTGAAGA 1

RESULT 495
US-10-006-430-32/c
; Sequence 32, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-32

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 855 CAAGGACCTGAGCAGTAC 873
    ||||| ||||| ||||| |||||
DB 19 CAAGGATGTGAGCAGTTC 1

RESULT 496
US-10-024-369-86/c
; Sequence 86, Application US/10024369
; Publication No. US20030134809A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC TRANSPORTER MHC 1 EXPRESSION
; FILE REFERENCE: RTS-0353
; CURRENT APPLICATION NUMBER: US/10/024,369
; CURRENT FILING DATE: 2001-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-369-86

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1461 CCTCAGTCTGGGGAGCGG 1479
    ||||| ||||| ||||| |||||
DB 20 CCTCAGCTGTGGGAGCAG 2

RESULT 497
US-10-021-707-24/c
; Sequence 24, Application US/10021707
; Publication No. US20030186903A1
; GENERAL INFORMATION:
; APPLICANT: James Karas
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MYD88 EXPRESSION
; FILE REFERENCE: RTS-0330
; CURRENT APPLICATION NUMBER: US/10/021,707
; CURRENT FILING DATE: 2001-11-23
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-021-707-24
```

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

836 TTGCTTTGAGTACTCGGA 854
19 TGGACTTTGAGTACTTGG 1

SULT 498
-10-131-544-30/c
Sequence 30, Application US/10131544
Publication No. US20030190629A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PTTG1 EXPRESSION
FILE REFERENCE: RTS-0180
CURRENT APPLICATION NUMBER: US/10/131,544
CURRENT FILING DATE: 2002-04-23
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-131-544-30

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1010 AGAGGGGAGAGCTCAAGCT 1028
19 AGATGGGAGATCTCAAGTT 1

SULT 499
-10-114-683A-30/c
Sequence 30, Application US/10114683A
Publication No. US20030194396A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
APPLICANT: Yan Luo
TITLE OF INVENTION: ANTISENSE MODULATION OF PTTG1 EXPRESSION
FILE REFERENCE: RTS-0265
CURRENT APPLICATION NUMBER: US/10/114,683A
CURRENT FILING DATE: 2002-08-14
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-114-683A-30

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1010 AGAGGGGAGAGCTCAAGCT 1028
19 AGATGGGAGATCTCAAGTT 1

SULT 500
-10-430-196-99/c
Sequence 99, Application US/10430196
Publication No. US20030194738A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/430,196
FILING DATE: 05-May-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517A
FILING DATE: 07-Aug-2001
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 99:
US-10-430-196-99

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1720 AGCCATGTTCACTGCCCA 1738
Db 19 AGCCATCTCCACCAGCCCA 1

RESULT 501
US-10-141-029-12/c
Sequence 12, Application US/10141029
Publication No. US20030213030P1
GENERAL INFORMATION:
APPLICANT: BEINEKE, WALTER F.
TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 2"
FILE REFERENCE: 30034-92643
CURRENT APPLICATION NUMBER: US/10/141,029
CURRENT FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-029-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;

```
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 502
US-10-141-060-12/c
; Sequence 12, Application US/10141060
; Publication No. US20030213031P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 1"
; FILE REFERENCE: 30034-92642
; CURRENT APPLICATION NUMBER: US/10/141,060
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-060-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 503
US-10-141-063-12/c
; Sequence 12, Application US/10141063
; Publication No. US20030213032P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 10"
; FILE REFERENCE: 30034-93467
; CURRENT APPLICATION NUMBER: US/10/141,063
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-063-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 504
US-10-141-092-12/c
; Sequence 12, Application US/10141092
; Publication No. US20030213033P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 8"
```

```
; FILE REFERENCE: 30034-93465
; CURRENT APPLICATION NUMBER: US/10/141,092
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-092-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 505
US-10-141-093-12/c
; Sequence 12, Application US/10141093
; Publication No. US20030213034P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 7"
; FILE REFERENCE: 30034-93464
; CURRENT APPLICATION NUMBER: US/10/141,093
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-093-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 506
US-10-141-094-12/c
; Sequence 12, Application US/10141094
; Publication No. US20030213035P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 6"
; FILE REFERENCE: 30034-93463
; CURRENT APPLICATION NUMBER: US/10/141,094
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-094-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
```

atches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

896 TCAACATGCACACGTGAA 914
||||| ||||| |||||
19 TCAACAGCACCACGAGAA 1

SULT 507

-10-141-095-12/c
Sequence 12, Application US/10141095
Publication No. US20030213036P1

GENERAL INFORMATION:

APPLICANT: BEINEKE, WALTER F.

TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 9"

FILE REFERENCE: 30034-93466

CURRENT APPLICATION NUMBER: US/10/141,095

CURRENT FILING DATE: 2002-05-08

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 12

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

-10-141-095-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

896 TCAACATGCACACGTGAA 914
||||| ||||| |||||
19 TCAACAGCACCACGAGAA 1

SULT 508

-10-141-102-12/c

Sequence 12, Application US/10141102

Publication No. US20030213037P1

GENERAL INFORMATION:

APPLICANT: BEINEKE, WALTER F.

TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 3"

FILE REFERENCE: 30034-92644

CURRENT APPLICATION NUMBER: US/10/141,102

CURRENT FILING DATE: 2002-05-08

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 12

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

-10-141-102-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

896 TCAACATGCACACGTGAA 914
||||| ||||| |||||
19 TCAACAGCACCACGAGAA 1

SULT 509

-10-141-103-12/c

Sequence 12, Application US/10141103

Publication No. US20030213038P1

GENERAL INFORMATION:

APPLICANT: BEINEKE, WALTER F.

TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 5"

FILE REFERENCE: 30034-93462

; CURRENT APPLICATION NUMBER: US/10/141,103

; CURRENT FILING DATE: 2002-07-24

; NUMBER OF SEQ ID NOS: 18

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 12

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-141-103-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 896 TCAACATGCACACGTGAA 914
||||| ||||| |||||
Db 19 TCAACAGCACCACGAGAA 1

RESULT 510

US-10-146-860-46

; Sequence 46, Application US/10146860

; Publication No. US20030220273A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Kenneth W. Dobie

APPLICANT: Mark F. Roach

FILE REFERENCE: RTS-0351

CURRENT APPLICATION NUMBER: US/10/146,860

CURRENT FILING DATE: 2002-05-15

NUMBER OF SEQ ID NOS: 100

SEQ ID NO 46

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-146-860-46

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 501 GCCTCAGGGCTACCTGAG 519
||||| ||||| |||||
Db 2 GCCTCAGGGCTACCGAGAG 20

RESULT 511

US-10-160-807-124/c

; Sequence 124, Application US/10160807

; Publication No. US20030224514A1

GENERAL INFORMATION:

APPLICANT: William Gaarde

APPLICANT: Susan M. Freier

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION

FILE REFERENCE: RTS-0189

CURRENT APPLICATION NUMBER: US/10/160,807

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 296

SEQ ID NO 124

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-160-807-124

Query Match 0.8%; Score 14.2; DB 1; Length 20;


```
; Best Local Similarity 84.2%; Pred. No. 5.5e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTGTGATGG 362
   |||||||
Db 19 TGCAGATGGGCTGTGATGG 1

RESULT 512
US-10-160-807-262
; Sequence 60, Application US/10160807
; Publication No. US20030224514A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/160,807
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-160-807-262

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTGTGATGG 362
   |||||||
Db 2 TGCAGATGGGCTGTGATGG 20

RESULT 513
US-10-160-787-60/c
; Sequence 60, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-60

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 988 CCCAGAACCTGCTCATCA 1006
   |||||||
Db 19 CCACAGAACCTCTCATTA 1

RESULT 514
US-10-160-787-65/c
; Sequence 65, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
```

```
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-65

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1172 GCATCTTCTATGAGATGGC 1190
   |||||||
Db 20 GCATTTTCTTTGAATGGC 2

RESULT 515
US-10-160-787-68/c
; Sequence 68, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-68

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1256 TAGGACCCCACTGAGGA 1274
   |||||||
Db 19 TAGGAACCTCATCTCAGGA 1

RESULT 516
US-10-160-787-122
; Sequence 122, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-122

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 988 CCCAGAACCTGCTCATCA 1006
   |||||||
Db 2 CCACAGAACCTCTCATTA 20
```

```

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-24

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      843 TGAGTACTCGACAAGGAC 861
      ||||| ||||| ||||| |||||
Db      1 TGAGTTCCTGGAAAAGGTC 19

RESULT 520
US-10-167-034-61
; Sequence 61, Application US/10167034
; Publication No. US20030228690A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION
; FILE REFERENCE: PTS-0003
; CURRENT APPLICATION NUMBER: US/10/167,034
; CURRENT FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 142
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-167-034-61

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      928 CAGCTGCTCCGTCGCTGG 946
      ||||| ||||| ||||| |||||
Db      2 CAGCTGCTCTGCTGCTGG 20

RESULT 521
US-10-167-034-127/c
; Sequence 127, Application US/10167034
; Publication No. US20030228690A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION
; FILE REFERENCE: PTS-0003
; CURRENT APPLICATION NUMBER: US/10/167,034
; CURRENT FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 142
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-167-034-127

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      928 CAGCTGCTCCGTCGCTGG 946
      ||||| ||||| ||||| |||||
Db      19 CAGCTGCTCTGCTGCTGG 1

RESULT 522
US-10-173-240-32/c
```

```

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-24

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      843 TGAGTACTCGACAAGGAC 861
      ||||| ||||| ||||| |||||
Db      1 TGAGTTCCTGGAAAAGGTC 19

RESULT 520
US-10-167-034-61
; Sequence 61, Application US/10167034
; Publication No. US20030228690A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION
; FILE REFERENCE: PTS-0003
; CURRENT APPLICATION NUMBER: US/10/167,034
; CURRENT FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 142
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-167-034-61

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      928 CAGCTGCTCCGTCGCTGG 946
      ||||| ||||| ||||| |||||
Db      2 CAGCTGCTCTGCTGCTGG 20

RESULT 521
US-10-167-034-127/c
; Sequence 127, Application US/10167034
; Publication No. US20030228690A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION
; FILE REFERENCE: PTS-0003
; CURRENT APPLICATION NUMBER: US/10/167,034
; CURRENT FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 142
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-167-034-127

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      928 CAGCTGCTCCGTCGCTGG 946
      ||||| ||||| ||||| |||||
Db      19 CAGCTGCTCTGCTGCTGG 1

RESULT 522
US-10-173-240-32/c
```

```
; Sequence 32, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-32

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1080 CAATGAGTGGTGACACTG 1098
    ||| ||||| ||||| |||||
Db 19 CAAGGAGTGACGACTG 1

RESULT 523
US-10-173-240-39/c
; Sequence 39, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-39

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 CTGCTCTGGGAACTTCG 293
    ||| ||||| ||||| |||||
Db 19 CTGCTCTGGGAACTACG 1

RESULT 524
US-10-173-240-66
; Sequence 66, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-66

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 CTGCTCTGGGAACTTCG 293
    ||| ||||| ||||| |||||
Db 19 CTGCTCTGGGAACTACG 1

RESULT 524
US-10-173-240-66
; Sequence 66, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-66
```

```
US-10-173-240-66

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1080 CAATGAGTGGTGACACTG 1098
    ||| ||||| ||||| |||||
Db 2 CAAGGAGTGACGACTG 20

RESULT 525
US-10-173-240-72
; Sequence 72, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-72

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 CTGCTCTGGGAACTTCG 293
    ||| ||||| ||||| |||||
Db 2 CTGCTCTGGGAACTACG 20

RESULT 526
US-10-173-718-5/c
; Sequence 5, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-173-718-5

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 GGTCTTCTCGATGCTGA 1571
    ||| ||||| ||||| |||||
Db 19 GGTCTTGTGCTGCTGA 1

RESULT 527
US-10-186-157-11
; Sequence 11, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-186-157-11
```

Tue Nov 2 13:39:14 2004

APPLICANT: Andrew T. Watt
 APPLICANT: Susan M. Freier
 TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
 FILE REFERENCE: RTS-0193
 CURRENT APPLICATION NUMBER: US/10/186,157
 CURRENT FILING DATE: 2002-06-28
 NUMBER OF SEQ ID NOS: 88
 SEQ ID NO 11
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 -10-186-157-11

 Query Match 0.8%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 5.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

 1480 ATCCAAACTTCTCTGACA 1498
 |||||
 1 ATGCACAATCTTCTCTGATA 19

 RESULT 528
 -10-188-779A-106/c
 Sequence 106, Application US/10188779A
 Publication No. US20040005567A1
 GENERAL INFORMATION:
 APPLICANT: Nicholas M. Dean
 APPLICANT: Susan M. Freier
 APPLICANT: Kenneth W. Dobie
 TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
 FILE REFERENCE: PTS-0042
 CURRENT APPLICATION NUMBER: US/10/188,779A
 CURRENT FILING DATE: 2002-07-02
 NUMBER OF SEQ ID NOS: 282
 SEQ ID NO 106
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 -10-188-779A-106

 Query Match 0.8%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 5.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

 687 CAACCTTGTGGCACTCAAG 705
 |||||
 20 CCACCTTGTGGCCCTCAAG 2

 RESULT 529
 -10-349-143-6583
 Sequence 6583, Application US/10349143
 Publication No. US20040005584A1
 GENERAL INFORMATION:
 APPLICANT: Cohen, Daniel
 APPLICANT: Blumenfeld, Marta
 APPLICANT: Chumakov, Ilya
 TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 FILE REFERENCE: GENSET.020CP1
 CURRENT APPLICATION NUMBER: US/10/349,143
 CURRENT FILING DATE: 2003-01-21
 PRIOR APPLICATION NUMBER: US/09/422,978
 PRIOR FILING DATE: 1999-10-20
 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
 PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
 PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
 ; NUMBER OF SEQ ID NOS: 11796
 ; SEQ ID NO 6583
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE:
 ; NAME/KEY: primer_bind
 ; LOCATION: 1..20_bind
 ; OTHER INFORMATION: upstream amplification primer 99-12602 for SEQ 2649,
 US-10-349-143-6583

Query Match 0.8%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 5.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 807 CATTATCCACACGGAGAG 825
 |||||
 Db 2 CTTTATCCACACAGGAG 20

RESULT 530
 US-10-289-762-5779/c
 ; Sequence 5779, Application US/10289762
 ; Publication No. US20040006218A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Griffois, R.
 ; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
 ; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
 ; FILE REFERENCE: 9710-003-999
 ; CURRENT APPLICATION NUMBER: US/10/289,762
 ; CURRENT FILING DATE: 2003-03-27
 ; NUMBER OF SEQ ID NOS: 6849
 ; SEQ ID NO 5779
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Chlamydia pneumoniae
 US-10-289-762-5779

Query Match 0.8%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 5.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 291 TCGTTCTGCACGGGGCCCA 309
 |||||
 Db 20 TCGTTCTGCACGGGGCCCA 2

RESULT 531
 US-10-211-908-39/c
 ; Sequence 39, Application US/10211908
 ; Publication No. US20040023384A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Kenneth W. Dobie
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
 ; FILE REFERENCE: RTS-0420
 ; CURRENT APPLICATION NUMBER: US/10/211,908
 ; CURRENT FILING DATE: 2002-07-31
 ; NUMBER OF SEQ ID NOS: 121
 ; SEQ ID NO 39
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-211-908-39

Query Match 0.8%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 5.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1706 TGCCTACCTGCCTGAGCCA 1724
|||
D 19 TGCCTACCTGCCTCAGTCA 1

RESULT 532

US-10-210-838-54/c
; Sequence 54, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-838-54

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1444 ATGAAACATCCATTCTTCC 1462
|||
D 19 ATGAAACATTCATTTTAC 1

RESULT 533

US-10-210-838-158
; Sequence 158, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-210-838-158

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1444 ATGAAACATCCATTCTTCC 1462
|||
D 2 ATGAAACATTCATTTTAC 20

RESULT 534

US-10-628-841-86
; Sequence 86, Application US/10628841
; Publication No. US20040023918A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: PTS-0191
; CURRENT APPLICATION NUMBER: US/10/628,841
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/972,607
; PRIOR FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-628-841-86

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 78 AGGGCCCGCGGCTCTGAG 96
|||
D 1 AGGGCCCGCGGCTCTGAG 19

RESULT 535

US-10-141-021-12/c
; Sequence 12, Application US/10141021
; Publication No. US20040025210P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 4"
; FILE REFERENCE: 30034-93461
; CURRENT APPLICATION NUMBER: US/10/141,021
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-021-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 896 TCAACATGCACACGTGAA 914
|||
D 19 TCAACAAGCACCACGAGAA 1

RESULT 536

US-10-623-880-2
; Sequence 2, Application US/10623880
; Publication No. US20040029255A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/10/623,880
; CURRENT FILING DATE: 2003-07-21
; PRIOR APPLICATION NUMBER: US/09/939,379B
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA

US-10-623-880-2
; Sequence 2, Application US/10623880
; Publication No. US20040029255A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/10/623,880
; CURRENT FILING DATE: 2003-07-21
; PRIOR APPLICATION NUMBER: US/09/939,379B
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA

```
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) . (20)
OTHER INFORMATION: Primer ITS2
-10-623-880-2

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1549 CTTGGTCTTCGTCGATGC 1567
      |||||
2 CTGGTCTTCATCGATGC 20

SULT 537
-10-623-880-3/c
Sequence 3, Application US/10623880
Publication No. US20040029255A1
GENERAL INFORMATION:
APPLICANT: Syngenta Biotechnology Inc.
APPLICANT: Barnett, Charles Jason
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
Chain Reaction
FILE REFERENCE: 60063P1
CURRENT APPLICATION NUMBER: US/10/623,880
CURRENT FILING DATE: 2003-07-21
PRIOR APPLICATION NUMBER: US/09/939,379B
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) . (20)
OTHER INFORMATION: Primer ITS3
-10-623-880-3

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1549 CTTGGTCTTCGTCGATGC 1567
      |||||
19 CTGGTCTTCATCGATGC 1

SULT 538
-10-345-444B-121/c
Sequence 121, Application US/10345444B
Publication No. US20040029823A1
GENERAL INFORMATION:
APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULA
TION OF INVENTION: OF JNK PROTEINS
FILE REFERENCE: ISPH-0726
CURRENT APPLICATION NUMBER: US/10/345,444B
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/774,809
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: US 09/396,902
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: US 09/287,796
PRIOR FILING DATE: 1999-04-07
```

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; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
; US-10-345-444B-121

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1424 GGATCTCCGACGAGGATGC 1442
      |||||
Db 20 GGATCTCCGACGAGGATGC 20

RESULT 539
US-10-398-308-29
; Sequence 29, Application US/10398308
; Publication No. US20040029825A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Christopher J.
; APPLICANT: Schlafer, Donald H.
; APPLICANT: Hill, Jonathan R.
; TITLE OF INVENTION: METHODS OF MINIMIZING IMMUNOLOGICAL REJECTION OF A
FILE REFERENCE: 19603/3373
; CURRENT APPLICATION NUMBER: US/10/398,308
; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/237,673
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: PCT/US01/30925
; PRIOR FILING DATE: 2001-10-03
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-398-308-29

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1593 CGTGGTGCACACCGAGTTC 1611
      |||||
Db 2 CGTGGTGCACACCGAGTTC 20

RESULT 540
US-10-072-012-1149
; Sequence 1149, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zernhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
```

```
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1149
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ag3002 Reverse
```

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US-10-072-012-1149
```

```
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 506 AGGGCTACTCTGGAGAGCT 524
Db 2 AGGACCATCTGGAGAGCT 20
```

```
RESULT 541
US-10-312-184A-44/c
Sequence 44, Application US/10312184A
Publication No. US20040038236A1
GENERAL INFORMATION:
APPLICANT: Bionomics Limited
APPLICANT: Wallace, Robyn H
APPLICANT: Mulley, John C
APPLICANT: Berkovic, Samuel P
APPLICANT: Harkin, Louise A
APPLICANT: Dibbens, Leanne M
; TITLE OF INVENTION: MUTATION ASSOCIATED WITH EPILEPSY
; FILE REFERENCE: 1386/10
; CURRENT APPLICATION NUMBER: US/10/312,184A
; CURRENT FILING DATE: 2002-12-20
; NUMBER OF SEQ ID NOS: 51
```

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-312-184A-44
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1085 AGGTGGTGACACTGTGGTA 1103
Db 19 AGGTGGTGCCATGTGCGTA 1
```

```
RESULT 542
US-10-673-063-24/c
; Sequence 24, Application US/10673063
; Publication No. US20040038926A1
; GENERAL INFORMATION:
; APPLICANT: James Karras
; TITLE OF INVENTION: ANTISENSE MODULATION OF MYD88 EXPRESSION
; FILE REFERENCE: RTS-0330
; CURRENT APPLICATION NUMBER: US/10/673,063
; CURRENT FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-673-063-24
```

```
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 836 TTGCTTTGAGTACCTGGA 854
Db 19 TGGACTTTGAGTACTTGA 1
```

```
RESULT 543
US-10-610-561-7
; Sequence 7, Application US/10610561
; Publication No. US20040048345A1
; GENERAL INFORMATION:
; APPLICANT: Ozaki, Akio
; Mori, Hideo
; Shibasaki, Takeshi
; Ando, Katsuhiko
; Chiba, Shigeru
; TITLE OF INVENTION: Process for Producing
Trans-4-Hydroxy-L-Proline
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ANTONELLI, TERRY, STOUT AND KRAUS, LLP
; STREET: 1300 NORTH SEVENTEENTH STREET
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22209
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/610,561
; FILING DATE: 02-Jul-2003
```

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/104,382
FILING DATE: 02-JULY-1998
APPLICATION NUMBER: 08/709,874
FILING DATE: 09-SEP-1996
APPLICATION NUMBER: 08/301,653
FILING DATE: 07-SEP-1994
APPLICATION NUMBER: 08/482,554
FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: Terry, David T.
REGISTRATION NUMBER: 20178
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-312-6660
TELEFAX: 703-312-6666

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid, synthetic DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

-10-610-561-7

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

856 AAGGACCTGACGAGTACC 874
1 ACGGAGCTCAAGCAGTACC 19

SULT 544

-10-380-125-50
Sequence 50, Application US/10380125
Publication No. US20040048818A1
GENERAL INFORMATION:

APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0176
CURRENT APPLICATION NUMBER: US/10/380,125
CURRENT FILING DATE: 2003-03-10
PRIOR APPLICATION NUMBER: 09/658,679
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87

SEQ ID NO 50

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-380-125-50

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1387 CTCCTCACCACGCTGTGC 1405
2 CTCCTGCCCCAGCTGTGC 20

RESULT 545

3-10-630-401-90/c
Sequence 90, Application US/10630401
Publication No. US20040048824A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia

APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
FILE REFERENCE: RTS-0157
CURRENT APPLICATION NUMBER: US/10/630,401
CURRENT FILING DATE: 2003-07-30
PRIOR APPLICATION NUMBER: US/09/953,047
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-90

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 ACGAGGACTTGAAGATGGG 353
DB 20 ACGGTTACCTGAAGATGGG 2

RESULT 546

US-10-655-847-124/c
Sequence 124, Application US/10655847
Publication No. US20040063129A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
CURRENT APPLICATION NUMBER: US/10/655,847
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: US/10/160,807
PRIOR FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-655-847-124

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTCTGATGG 362
DB 19 TGCAGATGGGCTGTGATGG 1

RESULT 547

US-10-655-847-262
Sequence 262, Application US/10655847
Publication No. US20040063129A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
CURRENT APPLICATION NUMBER: US/10/655,847
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: US/10/160,807
PRIOR FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 262


```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-655-847-262

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTCGATGG 362
DB 2 TGCAGATGGGCTGTGATGG 20

RESULT 548
US-10-009-980B-2/c
; Sequence 2, Application US/10009980B
; Publication No. US20040072155A1
; GENERAL INFORMATION:
; APPLICANT: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS
; TITLE OF INVENTION: MOLECULAR METHODS FOR DETECTING GUAR GUM ADDITIONS
; FILE REFERENCE: PATENT APPLICATION PCT/ES01/00079
; CURRENT APPLICATION NUMBER: US/10/009,980B
; PRIOR FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: ES2000000560
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of the Artificial Sequence:oligo ITS3
US-10-009-980B-2

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 19 CTGCGTTCTTCATCGATGC 1

RESULT 549
US-10-009-980B-4
; Sequence 4, Application US/10009980B
; Publication No. US20040072155A1
; GENERAL INFORMATION:
; APPLICANT: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS
; TITLE OF INVENTION: MOLECULAR METHODS FOR DETECTING GUAR GUM ADDITIONS
; FILE REFERENCE: PATENT APPLICATION PCT/ES01/00079
; CURRENT APPLICATION NUMBER: US/10/009,980B
; PRIOR FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: ES2000000560
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of the Artificial Sequence:oligo PG21
US-10-009-980B-4

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 2 CTGCGTTCTTCATCGATGC 20

RESULT 550
US-10-292-849-36/c
; Sequence 36, Application US/10292849
; Publication No. US20040092463A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
; FILE REFERENCE: RTS-0170
; CURRENT APPLICATION NUMBER: US/10/292,849
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-292-849-36

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 966 GGTGCTACACCGAGACCTC 984
DB 19 GGTGCTCCACCGGACATC 1

RESULT 551
US-10-292-849-103
; Sequence 103, Application US/10292849
; Publication No. US20040092463A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
; FILE REFERENCE: RTS-0170
; CURRENT APPLICATION NUMBER: US/10/292,849
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-292-849-103

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 966 GGTGCTACACCGAGACCTC 984
DB 2 GGTGCTCCACCGGACATC 20

RESULT 552
US-10-688-706-149/c
; Sequence 149, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
```

```
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 149
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
-10-688-706-149

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

131 GGATGAAGAAGATCAACG 149
|||||
20 GGATGAAGAAGTTCACAAG 2

RESULT 553
-10-688-706-343/c
Sequence 343, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 343
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
-10-688-706-343

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

131 GGATGAAGAAGATCAACG 149
|||||
19 GGATGAAGAAGTTCACAAG 1

RESULT 554
-10-317-279-16/c
Sequence 16, Application US/10317279
Publication No. US20040110703A1
GENERAL INFORMATION:
APPLICANT: Ming-Yi Chiang
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF DR1-ASSOCIATED PROTEIN 1 EXPRESSION
FILE REFERENCE: HTS-0027
CURRENT APPLICATION NUMBER: US/10/317,279
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 59
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-317-279-16

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

131 GGATGAAGAAGATCAACG 149
|||||
19 GGATGAAGAAGTTCACAAG 1

RESULT 555
-10-671-395-655/c
Sequence 655, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 655
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-655

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

505 GAGGCTACTCTGGAGAAGC 523
|||||
19 GTGGCTACTCTGGGAAGC 1

RESULT 556
US-10-671-395-945/c
Sequence 945, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 945
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-945

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1433 CAGAGATGCCATGAACA 1451
|||||
20 CCGAGATGCCCTGAGACA 2
```

```
RESULT 557
US-10-671-395-1193/c
; Sequence 1193, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1193
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; IR-10-671-395-1193

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1433 CAGAGGATGCCATGAACA 1451
Db 19 CCGAGGATGCCCTGAGACA 1

RESULT 558
US-10-819-244-49
; Sequence 49, Application US/10819244
; Publication No. US20040171575A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/10/819,244
; CURRENT FILING DATE: 2004-04-06
; PRIOR APPLICATION NUMBER: US/09/843,377
; PRIOR FILING DATE: 2003-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-819-244-49

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 62 TCGTGAACCCAGGGGAGG 80
Db 2 TCGTGAAGCTCAGTGGAGG 20

RESULT 559
US-10-476-962-147/c
; Sequence 147, Application US/10476962
; Publication No. US20040191904A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
```

```
FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/10/476,962
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/860,473
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-476-962-147

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 TCTAAGCCACAGACCGAGG 1628
Db 20 TCCAAGCCTCAGACCCAGG 2

RESULT 560
US-10-835-208-73/c
; Sequence 73, Application US/10835208
; Publication No. US20040192633A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/10/835,208
; CURRENT FILING DATE: 2004-04-29
; PRIOR APPLICATION NUMBER: US/09/919,197
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-835-208-73

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1111 CCTGACATCCTGCTGGGT 1129
Db 20 CCTCTCTCTGCTGGGT 2

RESULT 561
US-09-765-081-398
; Sequence 398, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 398
; LENGTH: 21
```

TYPE: DNA
ORGANISM: Homo sapiens
-09-765-081-398

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1382 CCGAGCTCCTCACCAAGCT 1400
|||||
1 CCGAGCTCCTCACCAAGCT 19

SULT 562

-09-765-081-443/c

Sequence 443, Application US/09765081

Patent No. US20020037508A1

GENERAL INFORMATION:

APPLICANT: Cargill, Michele

APPLICANT: Ireland, James S.

APPLICANT: Lander, Eric S.

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: 2825.2008-001

CURRENT APPLICATION NUMBER: US/09/765,081

PRIOR FILING DATE: 2001-01-18

PRIOR APPLICATION NUMBER: US 60/176,861

PRIOR FILING DATE: 2000-01-19

NUMBER OF SEQ ID NOS: 461

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 443

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

-09-765-081-443

Query Match

Best Local Similarity 0.8%; Score 14.2; DB 1; Length 21;

Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

201 TGCCCTGAGCAGATAGGCCT 221

|||||

21 TGCCCTGAGTCATGGTCT 1

SULT 563

-09-911-176B-41/c

Sequence 41, Application US/09911176B

Patent No. US20020156243A1

GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

TITLE OF INVENTION: ANTIBODIES THAT BIND AN

TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG

FILE REFERENCE: 97-30D1

CURRENT APPLICATION NUMBER: US/09/911,176B

CURRENT FILING DATE: 2001-07-23

PRIOR APPLICATION NUMBER: 09/118,408

PRIOR FILING DATE: 1998-07-17

PRIOR APPLICATION NUMBER: 60/053,154

PRIOR FILING DATE: 1997-07-18

NUMBER OF SEQ ID NOS: 52

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 41

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide ZC18687

-09-911-176B-41

Query Match

Best Local Similarity 0.8%; Score 14.2; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCCTCACCCCTTGTC 840

|||||

Db 21 GAAGTCCCTCTCACGTGTC 3

RESULT 564

US-10-180-762-41/c

Sequence 41, Application US/10180762

Publication No. US20030022838A1

GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

APPLICANT: Lasser, Gerald W.

APPLICANT: Bishop, Paul D.

TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION

FILE REFERENCE: 99-12C3

CURRENT APPLICATION NUMBER: US/10/180,762

CURRENT FILING DATE: 2002-06-25

PRIOR APPLICATION NUMBER: 09/253,604

PRIOR FILING DATE: 1999-02-19

PRIOR APPLICATION NUMBER: 09/444,794

PRIOR FILING DATE: 1999-11-22

PRIOR APPLICATION NUMBER: 09/506,855

PRIOR FILING DATE: 2000-02-17

NUMBER OF SEQ ID NOS: 55

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 41

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide ZC18687

US-10-180-762-41

Query Match

Best Local Similarity 0.8%; Score 14.2; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCCTCACCCCTTGTC 840

|||||

Db 21 GAAGTCCCTCTCACGTGTC 3

RESULT 565

US-10-241-258-41/c

Sequence 41, Application US/10241258

Publication No. US20030078206A1

GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

APPLICANT: Lasser, Gerald W.

APPLICANT: Bishop, Paul D.

TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND

TITLE OF INVENTION: IMMUNE FUNCTION

FILE REFERENCE: 99-12

CURRENT APPLICATION NUMBER: US/10/241,258

CURRENT FILING DATE: 2002-09-10

NUMBER OF SEQ ID NOS: 50

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 41

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide ZC18687

US-10-241-258-41

Query Match

Best Local Similarity 0.8%; Score 14.2; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCCTCACCCCTTGTC 840

|||||

Db 21 GAAGTCCCTCTCACGTGTC 3

```
RESULT 566
US-10-194-370-56/c
; Sequence 56, Application US/10194370
; Publication No. US20030096270A1
; GENERAL INFORMATION:
; APPLICANT: Paul Andrew Whittaker et al
; TITLE OF INVENTION: Disease-Associated Gene
; FILE REFERENCE: Case 4-32067A/HO 41
; CURRENT APPLICATION NUMBER: US/10/194,370
; CURRENT FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-194-370-56

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 1380 GGCGGACCTCTCCACCAAG 1398
Db 21 GGCTGACCGTCTCACCACAAAG 3

RESULT 567
US-10-206-839-108/c
; Sequence 108, Application US/10206839
; Publication No. US20030099977A1
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; TITLE OF INVENTION: (STP2)
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/10/206,839
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 108
; LENGTH: 21
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-206-839-108

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 26 GAATGACAGGTAGGACGAG 44
Db 19 GAAAGCTGAGATAGGCAGG 1

RESULT 568
US-10-033-024A-47
; Sequence 47, Application US/10033024A
; Publication No. US20030105043A1
; GENERAL INFORMATION:
; APPLICANT: Ho, Shuk-Mei
; APPLICANT: Lau, Kin-Mang
; APPLICANT: Lee, Kai-Fai
; TITLE OF INVENTION: APOPTOSIS-INDUCING RIBOZYMES
; FILE REFERENCE: 07917-110001
; CURRENT APPLICATION NUMBER: US/10/033,024A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: US 60/244,709
; PRIOR FILING DATE: 2000-10-31
```

```
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Rat MT-II RNA
US-10-033-024A-47

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 5.8e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Q/ 1167 GGGTCGTCATCTTCTATGAG 1185
Db 2 GGGCUGCAUCUGCAAGAAG 20

RESULT 569
US-10-005-956-343/c
; Sequence 343, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 343
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-343

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 1246 TTCCGTATCTTAGGAACCC 1264
Db 21 TTCAGTGCTTTGGAACCC 3

RESULT 570
US-10-005-956-439
; Sequence 439, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 439
; LENGTH: 21
; TYPE: DNA
```

ORGANISM: homo sapiens
10-005-956-439

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1537 AAGGAGCCAGCCTTCGGT 1555
|||||
2 AAGGTGGACAGTCTTCGGT 20

SULT 571

-10-005-956-440
Sequence 440, Application US/10005956
Publication No. US20030113726A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/251,015

PRIOR FILING DATE: 2000-12-04

PRIOR APPLICATION NUMBER: 60/263,678

PRIOR FILING DATE: 2001-01-23

PRIOR APPLICATION NUMBER: 60/273,037

PRIOR FILING DATE: 2001-03-02

NUMBER OF SEQ ID NOS: 1579

SOFTWARE: PatentIn version 3.0

SEQ ID NO 440

LENGTH: 21

TYPE: DNA

ORGANISM: homo sapiens

-10-005-956-440

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1537 AAGGAGCCAGCCTTCGGT 1555
|||||
2 AAGGTGGACAGTCTTCGGT 20

SULT 572

-10-005-956-985/c

Sequence 985, Application US/10005956

Publication No. US20030113726A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/251,015

PRIOR FILING DATE: 2000-12-04

PRIOR APPLICATION NUMBER: 60/263,678

PRIOR FILING DATE: 2001-01-23

PRIOR APPLICATION NUMBER: 60/273,037

PRIOR FILING DATE: 2001-03-02

NUMBER OF SEQ ID NOS: 1579

SOFTWARE: PatentIn version 3.0

SEQ ID NO 985

LENGTH: 21

TYPE: DNA

ORGANISM: homo sapiens

-10-005-956-985

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1246 TTCGGTATCTTAGGAACCC 1264
|||||
DB 21 TTCAGTGTCTTTGGAACCC 3

RESULT 573

US-10-261-845-5

Sequence 5, Application US/10261845

Publication No. US20030119035A1

GENERAL INFORMATION:

APPLICANT: Presnell, Scott R.

APPLICANT: Taft, David W.

TITLE OF INVENTION: TRYPTASE-LIKE POLYPEPTIDE ZTRYPI

FILE REFERENCE: 99-21

CURRENT APPLICATION NUMBER: US/10/261,845

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US/09/636,382

PRIOR FILING DATE: 2000-08-09

PRIOR APPLICATION NUMBER: US 60/149,563

PRIOR FILING DATE: 1999-08-18

NUMBER OF SEQ ID NOS: 24

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 5

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer ZC18365

US-10-261-845-5

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GGCGTCCCTCTTTCGG 1213
|||||
DB 2 GGCTGTCCCTCTTTCGT 20

RESULT 574

US-10-360-186-41/c

Sequence 41, Application US/10360186

Publication No. US20030144208A1

GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

APPLICANT: Lasser, Gerald W.

APPLICANT: Bishop, Paul D.

TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION

FILE REFERENCE: 99-12C3

CURRENT APPLICATION NUMBER: US/10/360,186

CURRENT FILING DATE: 2003-02-07

PRIOR APPLICATION NUMBER: US/09/619,740

PRIOR FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: 09/253,604

PRIOR FILING DATE: 1999-02-19

PRIOR APPLICATION NUMBER: 09/444,794

PRIOR FILING DATE: 1999-11-22

PRIOR APPLICATION NUMBER: 09/506,855

PRIOR FILING DATE: 2000-02-17

NUMBER OF SEQ ID NOS: 55

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 41

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide ZC18687

US-10-360-186-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCCTCACCCCTGTC 840
|||||
Db 21 GAAGTCCCTCTCAGGTGC 3

RESULT 575

US-10-340-097-72
; Sequence 72, Application US/10340097
; Publication No. US20030162276A1
; GENERAL INFORMATION:
; APPLICANT: Rattner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. US20030162276A1h F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allikmets, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin

; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-
; FILE REFERENCE: BYLR0065
; CURRENT APPLICATION NUMBER: US/10/340,097
; PRIOR APPLICATION NUMBER: 2003-01-10
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/032,438A
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72

; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-340-097-72

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1389 CCTCACCAGCTGTTCCAG 1407
|||||
Db 3 CATCACCAGCTGTTCCAG 21

RESULT 576

US-10-210-951-127
; Sequence 127, Application US/10210951
; Publication No. US20030170228A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scott A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/210,951

; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 127
; NUMBER OF SEQ ID NOS: 258

; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-127

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 507 GGGCTACTCTGGAGAAGCTG 525
|||||
Db 2 GGACGACCAGGAGAGCTG 20

RESULT 577

US-10-336-215-72
; Sequence 72, Application US/10336215
; Publication No. US20030170852A1
; GENERAL INFORMATION:
; APPLICANT: Allikmets, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170852A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui

; TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
; FILE REFERENCE: APPI0089
; CURRENT APPLICATION NUMBER: US/10/336,215
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 72
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-336-215-72

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1389 CCTCACCAAGCTGTTGCAG 1407
| | | | | | | | | | | | | | | | | | | | |
3 CATCACCCAGCTGTTCCAG 21

SULT 578
-10-336-219-72
Sequence 72, Application US/10336219
Publication No. US20030170853A1
GENERAL INFORMATION:
APPLICANT: Allikmets, Rando
APPLICANT: Anderson, Kent L.
APPLICANT: Dean, Michael
APPLICANT: Leppert, Mark
APPLICANT: Lewis, Richard A.
APPLICANT: Li, Yixin
APPLICANT: Lupski, James R.
APPLICANT: Nathans, Jeremy
APPLICANT: Rattner, Amir
APPLICANT: Shroyer, No. US20030170853A1h F.
APPLICANT: Singh, Nanda
APPLICANT: Smallwood, Philip
APPLICANT: Sun, Hui
TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences For
FILE REFERENCE: BYLR0072
CURRENT APPLICATION NUMBER: US/10/336,219
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: 60/C39,388
PRIOR FILING DATE: 1997-02-27
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn version 3.2
SEQ ID NO 72
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-336-219-72

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1389 CCTCACCAAGCTGTTGCAG 1407
| | | | | | | | | | | | | | | | | | | | |
3 CATCACCCAGCTGTTCCAG 21

SULT 579
-10-211-884-127
Sequence 127, Application US/10211884
Publication No. US20030175900A1

GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scott A.
APPLICANT: Pan, James
APPLICANT: Pitti, Robert M.
APPLICANT: Roy, Margaret Ann

APPLICANT: Smith, Victoria
APPLICANT: Stone, Donna M.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REFERENCE: P2931R1C1
CURRENT FILING DATE: 2002-08-02
CURRENT APPLICATION NUMBER: US/10/211,884
PRIOR FILING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-09-23
PRIOR APPLICATION NUMBER: 60/059121
PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/062037
PRIOR FILING DATE: 1997-10-10
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066772
PRIOR FILING DATE: 1997-11-24
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 258
SEQ ID NO 127
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-884-127

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 507 GGGCTACCTGGAGAAAGCTG 525
| | | | | | | | | | | | | | | | | | | | |
Db 2 GGACGACCAGAGAAAGCTG 20

RESULT 580
US-10-392-531-41/c
Sequence 41, Application US/10392531
Publication No. US20030176658A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
FILE REFERENCE: 97-30
CURRENT APPLICATION NUMBER: US/10/392,531
CURRENT FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: US/09/506,852
PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide ZC18687
US-10-392-531-41
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 822 GAAGTCCTCCACCTTGTC 840
|||||
Db 21 GAAGTCCTCCACGAGTC 3

RESULT 581

US-10-392-706-41/c
; Sequence 41, Application US/10392706
; Publication No. US20030176659A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/10/392,706
; PRIOR FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US/09/506,852
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-392-706-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 822 GAAGTCCTCCACCTTGTC 840
|||||
Db 21 GAAGTCCTCCACGAGTC 3

RESULT 582

US-10-211-858-127
; Sequence 127, Application US/10211858
; Publication No. US20030211096A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scott A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,858
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755

; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 127
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-858-127

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 507 GGGCTACCTGGAGAGCTG 525
|||||
Db 2 GGAGCACCAGGAGAGCTG 20

RESULT 583

US-10-187-975-221/c
; Sequence 221, Application US/10187975
; Publication No. US20030224982A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Patturajan, Meera
; APPLICANT: Ellerman, Karen
; APPLICANT: Gorman, Linda
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Spytek, Kimberly
; APPLICANT: Miller, Charles
; APPLICANT: Edinger, Shlomit
; APPLICANT: Hjalte, Tord
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shinkets, Richard
; APPLICANT: Taupier, Raymond J. Jr.
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Baumgartner, Jason
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glennnda
; APPLICANT: Casman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Pena, Carol
; APPLICANT: Chapoval, Andrei
; APPLICANT: Rastelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Vernte, Corine
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; FILE REFERENCE: 21402-397A
; CURRENT APPLICATION NUMBER: US/10/187,975
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011

PRIOR FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 60/305,262
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 60/305,673
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 60/306,085
PRIOR FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 60/307,536
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/308,228
PRIOR FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/308,877
PRIOR FILING DATE: 2001-07-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 288
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 221
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
-10-187-975-221
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
350 TGGGGTCTGTATGGGAGAG 368
19 TGGGGGCTTATAGGAGAG 1
SULT 584
-10-349-143-8100/c
Sequence 8100, Application US/10349143
Publication No. US2004000584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSSET 020Cp1
CURRENT APPLICATION NUMBER: US/10/349,143
PRIOR FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8100
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-13666 for SEQ 235, in compleme
-10-349-143-8100
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
392 CGGATGAGGTGCAGTCTCC 410
21 CAGATGATTGCAGTCTCC 3

RESULT 585
US-10-198-695-41/c
; Sequence 41, Application US/10198695
; Publication No. US20040014650A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
; TITLE OF INVENTION: IMMUNE FUNCTION
; FILE REFERENCE: 99-12
; CURRENT APPLICATION NUMBER: US/10/198,695
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-198-695-41
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 822 GAAGTCCCTCACCCCTTGTC 840
Db 21 GAAGTCCCTCTCAGTGTC 3
RESULT 586
US-10-691-529-115
; Sequence 115, Application US/10691529
; Publication No. US20040091928A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeyang
; APPLICANT: Ford, Roger
; APPLICANT: Be, Xiaobing
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; TITLE OF INVENTION: PROTEIN PHOSPHATASE
; FILE REFERENCE: AML01076
; CURRENT APPLICATION NUMBER: US/10/691,529
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: 60/420,757
; PRIOR FILING DATE: 2002-10-24
; NUMBER OF SEQ ID NOS: 303
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 115
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-691-529-115
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 897 CAACATGCACCAACCGTGA 915
Db 1 CAAGAGGAGCAACCGTGA 19
RESULT 587
US-10-250-508-3
; Sequence 3, Application US/10250508
; Publication No. US20040121327A1
; GENERAL INFORMATION:
; APPLICANT: Manns, Michael
; APPLICANT: Strassburg, Christian

```
; TITLE OF INVENTION: Method for Predicting the Potential Risk of Carcinomas and
; TITLE OF INVENTION: Inflammatory Bowel Diseases and Relevant Tests
; FILE REFERENCE: 03100178aa
; CURRENT APPLICATION NUMBER: US/10/250,508
; CURRENT FILING DATE: 2003-12-08
; PRIOR APPLICATION NUMBER: PCT/DE02/000003
; PRIOR FILING DATE: 2002-01-03
; PRIOR APPLICATION NUMBER: DE 101 00 238.6
; PRIOR FILING DATE: 2001-01-05
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-250-508-3

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      938 GTGGCTGGCCTACTGCCA 956
      |||||
Db      3 GTGGACTGGCCTCTTCCA 21

RESULT 588
US-10-786-720-626
; Sequence 626, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 626
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-626

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 5.8e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      853 GACAAGGACCTGAAGCAGT 871
      |||||
Db      2 GACGAGGACUUUAAAGCAGU 20

RESULT 589
US-10-786-720-628
; Sequence 628, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 628
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-630
```

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-628

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GACAAGGACCTGAAGCAGT 871
      |||||
Db      3 GACGAGGACCTTTAAGCAGT 21

RESULT 590
US-10-786-720-629
; Sequence 629, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 629
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-629

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 5.8e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      853 GACAAGGACCTGAAGCAGT 871
      |||||
Db      1 GACGAGGACUUUAAAGCAGU 19

RESULT 591
US-10-786-720-630/c
; Sequence 630, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 630
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-630

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GACAAGGACCTGAAGCAGT 871
      |||||
Db      19 GACGAGGACCTTTAAGCAGT 1
```



```

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19852
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-19852

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1393 ACCAAGCTGTTGCAGTTTG 1411
      ||||| ||||| |||||
Db 2 ACCAAGAAGTTGCAGTTTCG 20

RESULT 600
US-10-786-720-19854/c
; Sequence 19854, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19854
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-19854

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1393 ACCAAGCTGTTGCAGTTTG 1411
      ||||| ||||| |||||
Db 20 ACCAAGAAGTTGCAGTTTCG 2

RESULT 601
US-10-786-720-20516
; Sequence 20516, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20516
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20516

Query Match      0.8%; Score 14.2; DB 1; Length 21;

```

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; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14105
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-14105

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 5.8e+02;
Matches 10; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1446 GAAACATCATCTTCTCTC 1464
      ||| : ||: ||: ||:
Db 1 GAAGCUUACAUUCCUC 19

RESULT 598
US-10-786-720-14107
; Sequence 14107, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14107
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-14107

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1446 GAAACATCATCTTCTCTC 1464
      ||| : ||| : ||| : |||
Db 1 GAAGCTTACATCTTCTCTC 19

RESULT 599
US-10-786-720-19852
; Sequence 19852, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

```


LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 319:
US-10-056-414-319

Query Match 0.8%; Score 14; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACAA 551
DB 1 CCCAUCUUGACAA 14

RESULT 606
US-09-827-998-541
; Sequence 541, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 541
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-541

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 AACTCGTTCTGCA 300
DB 4 AACTCGTTCTGCA 17

RESULT 607
US-09-827-998-542
; Sequence 542, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 542
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-542

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 287 AACTCGTTCTGCA 300
DB 3 AACTCGTTCTGCA 16

RESULT 608
US-09-864-785-157
; Sequence 157, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relater
; FILE REFERENCE: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 157
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-157

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 5.1e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACAA 551
DB 3 CCCAUCUUGACAA 16

RESULT 609
US-09-780-533A-760
; Sequence 760, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 760
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-760

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 83 CCCGCGGCTCTGAG 96
DB 1 CCCGCGGCTCTGAG 14

SULT 610
-09-780-533A-1785
Sequence 1785, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haerberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBH00.878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1785
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-780-533A-1785
Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
83 CCGCGGGCTCTGAG 96
|||:||||:|:
3 CCGCGGGCUCUGAG 16
SULT 611
-09-780-533A-2332
Sequence 2332, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haerberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBH00.878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2332
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-780-533A-2332
Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
83 CCGCGGGCTCTGAG 96
|||:||||:|:
4 CCGCGGGCUCUGAG 17
SULT 612
-09-848-754A-277/C
Sequence 277, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 277
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-277
Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1367 TTGATAGCGGCGG 1380
|||||:
Db 17 TTGATAGCGGCGG 4
RESULT 613
US-09-848-754A-278/C
; Sequence 278, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 278
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-278
Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1366 CTTGATAGCGGCGG 1379
|||||:
Db 14 CTTGATAGCGGCGG 1
RESULT 614
US-09-792-818-73/C
; Sequence 73, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 73
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-73

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTTCGGAAACTGGA 611
|||||
DB 16 TTTCGGAAACTGGA 3

RESULT 615

US-09-792-818-74/c
; Sequence 74, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 74
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-74

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTTCGGAAACTGGA 611
|||||
DB 15 TTTCGGAAACTGGA 2

RESULT 616

US-09-792-818-75/c
; Sequence 75, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 75
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-75

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTTCGGAAACTGGA 611
|||||
DB 14 TTTCGGAAACTGGA 1

RESULT 617

US-10-238-700-2757
; Sequence 2757, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levels
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2757
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2757

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 CGCGCGCGCGCGCC 116
|||||
DB 4 CGCGCGCGCGCGCC 17

RESULT 618

US-10-238-700-3612/c
; Sequence 3612, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levels
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3612
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3612

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 515 TGGAGAACTGACC 528
|||||
DB 17 TGGAGAACTGACC 4

RESULT 619

US-10-675-685-541
; Sequence 541, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark

TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: PB0114
CURRENT APPLICATION NUMBER: US/10/675,685
CURRENT FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 541
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-675-685--541

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
287 AACTTCGTTCTGCA 300
|||||
4 AACTTCGTTCTGCA 17

SULT 620
-10-675-685-542
Sequence 542, Application US/10675685
Publication No. US20040063134A
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: PB0114
CURRENT APPLICATION NUMBER: US/10/675,685
CURRENT FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 542
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-675-685-542

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
287 AACTTCGTTCTGCA 300
|||||
3 AACTTCGTTCTGCA 16

RESULT 621
-10-138-674-1954
Sequence 1954, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0
SEQ ID NO 1954
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-1954

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 819 GGAGAGCTCCTCA 832
|||||
Db 1 GGAGAGUCCCUCA 14

RESULT 622
US-10-138-674-3450
Sequence 3450, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3450
LENGTH: 17
TYPE: RNA
ORGANISM: Mus musculus
US-10-138-674-3450

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 5.1e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCCTGC 1046
|||||
Db 4 GACUUGGCCUGGC 17

RESULT 623
US-10-138-674-3462
Sequence 3462, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3462
LENGTH: 17
TYPE: RNA
ORGANISM: Mus musculus
US-10-138-674-3462

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 5.1e+02;

```
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
|||:|:|:|:|:|:|
Do 3 CCAUCUUUGACAAG 16

RESULT 624
US-10-138-674-3463
; Sequence 3463, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3463
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674-3463

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 5.1e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
|||:|:|:|:|:|:|
Db 2 CCAUCUUUGACAAG 15

RESULT 625
US-10-138-674-6817
; Sequence 6817, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6817
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6817

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTGCTGCTACT 1714
|||:|:|:|:|:|:|
Db 4 CUCUCUGCCUACCU 17

RESULT 626
US-10-138-674-6818
; Sequence 6818, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
```

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; Sequence 6818, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6818
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6818

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTGCTGCTACT 1714
|||:|:|:|:|:|:|
Db 1 CUCUCUGCCUACCU 14

RESULT 627
US-10-138-674-8934
; Sequence 8934, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8934
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8934

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 819 GGAGAAGTCCCTCA 832
|||:|:|:|:|:|:|
Db 3 GGAGAAGUCCCUCA 16

RESULT 628
US-10-138-674-9032
; Sequence 9032, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
```

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 9032

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

-10-138-674-9032

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 64.3%; Pred. No. 5.1e+02;

Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

1701 CTCCTCGCTACCT 1714

3 CUCUUGCCUACCU 16

SULT 629

-10-287-949A-1954

Sequence 1954, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1954

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

-10-287-949A-1954

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 5.1e+02;

Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

819 GGAGAAGTCCCTCA 832

1 GGAGAAGUCCCUCA 14

RSULT 630

-10-287-949A-3450

Sequence 3450, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3450

LENGTH: 17

TYPE: RNA

ORGANISM: Mus musculus

US-10-287-949A-3450

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 5.1e+02;

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGC 1046

Db 4 GACUUUGCCUGGC 17

RESULT 631

US-10-287-949A-3462

Sequence 3462, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3462

LENGTH: 17

TYPE: RNA

ORGANISM: Mus musculus

US-10-287-949A-3462

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 5.1e+02;

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552

Db 3 CCAUCUUUGACAAG 16

RESULT 632

US-10-287-949A-3463

Sequence 3463, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3463

LENGTH: 17

TYPE: RNA

ORGANISM: Mus musculus

US-10-287-949A-3463

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 5.1e+02;

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552

Db 3 CCAUCUUUGACAAG 16

Db 2 CCAUCUUGACAAG 15

RESULT 633

US-10-287-949A-6817
; Sequence 6817, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6817
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6817

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;

Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTGTGCCTACT 1714

|||:|||||:

Db 4 CUCUCUGCCUACCU 17

RESULT 634

US-10-287-949A-6818
; Sequence 6818, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6818
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6818

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;

Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTGTGCCTACT 1714

|||:|||||:

Db 1 CUCUCUGCCUACCU 14

RESULT 635

US-10-287-949A-8934
; Sequence 8934, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8934
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8934

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;

Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 819 GGAGAAAGTCCTCA 832

|||||:|||||:

Db 3 GGAGAAAGUCCUCA 16

RESULT 636

US-10-287-949A-9032
; Sequence 9032, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9032
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-9032

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;

Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTGTGCCTACT 1714

|||:|||||:

Db 3 CUCUCUGCCUACCU 16

RESULT 637

US-10-229-370-9
; Sequence 9, Application US/10229370
; Publication No. US20030082600A1
; GENERAL INFORMATION:
; APPLICANT: Olek, Alexander
; APPLICANT: Berlin, Kurt
; TITLE OF INVENTION: Highly sensitive method for the detection of cytosine methylation
; FILE REFERENCE: 81859
; CURRENT APPLICATION NUMBER: US/10/229,370
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9

LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
-10-229-370-9

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

232 GGTGGTGGTGGCGG 245
|||||
2 GGTGGTGGTGGCGG 15

SULT 638
-10-388-263-206
Sequence 206, Application US/10388263
Publication No. US20030228597A1
GENERAL INFORMATION:
APPLICANT: Cowsert, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 206
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-388-263-206

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

232 GGTGGTGGTGGCGG 245
|||||
1 GGTGGTGGTGGCGG 14

SULT 639
-10-138-674-2205
Sequence 2205, Application US/10138674
Publication No. US2004007565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0

SEQ ID NO 2205
LENGTH: 18
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-2205

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. No. 5.4e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 1701 CTCTCTGCTACCT 1714
|:|:|:|:|:|:|:
Db 2 CUCUCUGCCUACCU 15

RESULT 640
US-10-287-949A-2205
Sequence 2205, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2205
LENGTH: 18
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-2205

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. No. 5.4e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 1701 CTCTCTGCTACCT 1714
|:|:|:|:|:|:|:
Db 2 CUCUCUGCCUACCU 15

RESULT 641
US-10-665-951-1719
Sequence 1719, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1719

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense

US-10-665-951-1719

Query Match 0.8%; Score 14; DB 1; Length 19;

Best Local Similarity 92.9%; Pred. No. 5.7e+02;

Matches 13; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 180 AGGCATAGACAAGA 193

|||||:|||||

Db 1 AGGCAUAGACAAGA 14

|||||:|||||

RESULT 642

US-10-665-951-1966/c

Sequence 1966, Application US/10665951

Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Beigelman, Leonid

APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/131 (MBH02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: US 10/664,668

PRIOR FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: PCT/US 03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 10/287,949

PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: PCT/US 02/17674

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1966

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-665-951-1966

Query Match 0.8%; Score 14; DB 1; Length 19;

Best Local Similarity 100.0%; Pred. No. 5.7e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 180 AGGCATAGACAAGA 193

|||||:|||||

Db 19 AGGCATAGACAAGA 6

|||||:|||||

RESULT 643

US-09-899-440-3/c

Sequence 3, Application US/09899440

Publication No. US20030092158A1

GENERAL INFORMATION:

APPLICANT: Stein, Cy

TITLE OF INVENTION: PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES

FILE REFERENCE: 0575/63180

CURRENT APPLICATION NUMBER: US/09/899,440

CURRENT FILING DATE: 2001-07-05

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: misc feature

LOCATION: ()..()

OTHER INFORMATION: antisense oligonucleotide LB65

US-09-899-440-3

Query Match 0.8%; Score 14; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 6e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286

|||||:|||||

Db 14 TGCTGCTCCTGGGG 1

|||||:|||||

RESULT 644

US-09-953-318-143/c

Sequence 143, Application US/09953318

Publication No. US20030105036A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTS-0232

CURRENT APPLICATION NUMBER: US/09/953,318

CURRENT FILING DATE: 2001-09-13

NUMBER OF SEQ ID NOS: 154

SEQ ID NO 143

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-318-143

Query Match 0.8%; Score 14; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 6e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552

|||||:|||||

Db 18 CCATCTTTGACAAG 5

|||||:|||||

RESULT 645

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10-001-073-22/c
Sequence 22, Application US/10001073
Publication No. US20030113725A1
GENERAL INFORMATION:
APPLICANT: Liggett, Stephen
APPLICANT: Small, Kirsten
TITLE OF INVENTION: Alpha-2-adrenergic receptor polymorphisms
FILE REFERENCE: 13073-PCT
CURRENT APPLICATION NUMBER: US/10/001,073
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-10-001-073-22
Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1252 ATCTTAGGACCCC 1265
|||||
17 ATCTTAGGACCCC 4

SULT 646
-10-446-373-143/c
Sequence 143, Application US/10446373
Publication No. US20030204076A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR EXPRESSION
FILE REFERENCE: RTS-0232
CURRENT APPLICATION NUMBER: US/10/446,373
CURRENT FILING DATE: 2003-05-28
PRIOR APPLICATION NUMBER: US/09/953,318
PRIOR FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 143
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-446-373-143
Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

539 CCATCTTTGACAAAG 552
|||||
18 CCACTTTGACAAAG 5

SULT 647
-10-316-516-26/c
Sequence 26, Application US/10316516
Publication No. US20040110150A1
GENERAL INFORMATION:
APPLICANT: Erich Koller
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
FILE REFERENCE: PTS-0057
CURRENT APPLICATION NUMBER: US/10/316,516
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 26
LENGTH: 20
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-26
Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 847 TACCTGGACAAGGA 860
|||||
Db 14 TACCTGGACAAGGA 1

RESULT 648
US-09-776-874A-17/c
; Sequence 17, Application US/09776874A
; Patent No. US20020102560A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodayvsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 01/22603
; CURRENT APPLICATION NUMBER: US/09/776,874A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-776-874A-17
Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 273 TGCTGCTCCTGGGG 286
|||||
Db 14 TGCTGCTCCTGGGG 1

RESULT 649
US-09-988-113-17/c
; Sequence 17, Application US/09988113
; Patent No. US20020168749A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodayvsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 01/22781
; CURRENT APPLICATION NUMBER: US/09/988,113
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: US 09/776,874
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: US09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: US 09/109,386
```


; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-988-113-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCTCTGGGG 286
Db 14 TGCTGCTCTCTGGGG 1

RESULT 650
US-10-184-085A-1096
; Sequence 1096, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1096
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1096

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCC 568
Db 8 CCTCAGCGCGCGCC 21

RESULT 651
US-10-184-085A-1133
; Sequence 1133, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1133
; LENGTH: 21

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1133

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCC 568
Db 7 CCTCAGCGCGCGCC 20

RESULT 652
US-10-341-582-17/c
; Sequence 17, Application US/10341582
; Publication No. US20030161823A1
; GENERAL INFORMATION:
; APPLICANT: Neta Ilan
; APPLICANT: Israel Vlodaysky
; APPLICANT: Oron Yacoby-Zeevi
; APPLICANT: Iris Pecker
; TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES
; FILE REFERENCE: 25449
; CURRENT APPLICATION NUMBER: US/10/341,582
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-341-582-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCTCTGGGG 286
Db 14 TGCTGCTCTCTGGGG 1

RESULT 653
US-10-340-097-24
; Sequence 24, Application US/10340097
; Publication No. US20030162276A1
; GENERAL INFORMATION:
; APPLICANT: Rattner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. US20030162276Alh F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allikmets, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-I
; TITLE OF INVENTION: Transporter
; FILE REFERENCE: BYLR0065
; CURRENT APPLICATION NUMBER: US/10/340,097
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US/09/032,438A
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27

```
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn version 3.1
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-340-097-24

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

704 AGGAGATCAGACTG 717
|||||
8 AGGAGATCAGACTG 21

RESULT 654
-10-336-215-24
Sequence 24, Application US/10336215
Publication No. US20030170852A1
GENERAL INFORMATION:
APPLICANT: Allikments, Rando
APPLICANT: Anderson, Kent L.
APPLICANT: Dean, Michael
APPLICANT: Leppert, Mark
APPLICANT: Lewis, Richard A.
APPLICANT: Li, Yixin
APPLICANT: Lupski, James R.
APPLICANT: Nathans, Jeremy
APPLICANT: Ratner, Amir
APPLICANT: Shroyer, No. US20030170852A1h F.
APPLICANT: Singh, Nanda
APPLICANT: Smallwood, Philip
APPLICANT: Sun, Hui
TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
FILE REFERENCE: APPI0089
CURRENT APPLICATION NUMBER: US/10/336,215
CURRENT FILING DATE: 2003-04-11
PRIOR APPLICATION NUMBER: 60/039,388
PRIOR FILING DATE: 1997-02-27
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn version 3.2
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-336-215-24

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

704 AGGAGATCAGACTG 717
|||||
8 AGGAGATCAGACTG 21

RESULT 655
-10-336-219-24
Sequence 24, Application US/10336219
Publication No. US20030170853A1
GENERAL INFORMATION:
APPLICANT: Allikments, Rando
APPLICANT: Anderson, Kent L.
APPLICANT: Dean, Michael
```

```
APPLICANT: Leppert, Mark
APPLICANT: Lewis, Richard A.
APPLICANT: Li, Yixin
APPLICANT: Lupski, James R.
APPLICANT: Nathans, Jeremy
APPLICANT: Ratner, Amir
APPLICANT: Shroyer, No. US20030170853A1h F.
APPLICANT: Singh, Nanda
APPLICANT: Smallwood, Philip
APPLICANT: Sun, Hui
TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences For
FILE REFERENCE: BYLR0072
CURRENT APPLICATION NUMBER: US/10/336,219
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: 60/039,388
PRIOR FILING DATE: 1997-02-27
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn version 3.2
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
US-10-336-219-24

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 AGGAGATCAGACTG 717
DB 8 AGGAGATCAGACTG 21

RESULT 656
US-10-384-451-17/c
Sequence 17, Application US/10384451
Publication No. US20030170860A1
GENERAL INFORMATION:
APPLICANT: Pecker, Iris
APPLICANT: Vlodayevsky, Israel
APPLICANT: Feinstein, Elena
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
FILE REFERENCE: 25718
CURRENT APPLICATION NUMBER: US/10/384,451
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-451-17

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TCCTGCTCTCTGGG 286
DB 14 TCCTGCTCTCTGGG 1

RESULT 657
US-10-384-450-17/c
Sequence 17, Application US/10384450
```

```
; Publication No. US20030190737A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 25717
; CURRENT APPLICATION NUMBER: US/10/384,450
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-450-17

Query Match      0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286
Db 14 TGCTGCTCCTGGGG 1

RESULT 658
US-10-371-218A-17/c
; Sequence 17, Application US/10371218A
; Publication No. US20030217375A1
; GENERAL INFORMATION:
; APPLICANT: Zcharia, Eyal
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Metzger, Shula
; APPLICANT: Pecker, Iris
; APPLICANT: Ilan, Neta
; APPLICANT: Chajek-Shaul, Tova
; APPLICANT: Goldshmidt, Orit
; TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF
; FILE REFERENCE: 25783
; CURRENT APPLICATION NUMBER: US/10/371,218A
; CURRENT FILING DATE: 2003-07-01
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-371-218A-17

Query Match      0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286
Db 14 TGCTGCTCCTGGGG 1

RESULT 659
US-10-456-573-17/c
; Sequence 17, Application US/10456573
; Publication No. US20030236215A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
```

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; TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25677
; CURRENT APPLICATION NUMBER: US/10/456,573
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: US 09/435,739
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-456-573-17

Query Match      0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286
Db 14 TGCTGCTCCTGGGG 1

RESULT 660
US-10-785-116-17/c
; Sequence 17, Application US/10785116
; Publication No. US20040142427A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 27674
; CURRENT APPLICATION NUMBER: US/10/785,116
; CURRENT FILING DATE: 2004-02-25
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-785-116-17

Query Match      0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286
Db 14 TGCTGCTCCTGGGG 1

RESULT 661
US-10-717-597-2421
; Sequence 2421, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dörner, Andrew J.
; APPLICANT: Trepicchio, William L.
```

```

; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1526
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1526

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      986 AGCCCCAGAACCTGCTC 1002
Db      17 AGCCCCATCAGCTGCTC 1

RESULT 663
US-09-866-108-6795/c
; Sequence 6795, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 6795
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6795

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
```

```

APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2421
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
-10-717-597-2421

Query Match      0.8%; Score 14; DB 1; Length 25;
Best Local Similarity 77.3%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

1691 TCCCTGCTTACTCTCTGCTAC 1712
2 TTCTGCTTAATGTCAGTCTAC 23

SULT 662
-09-866-108-1526/c
Sequence 1526, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
```

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 553 CCCTCAGCCGCCCT 569
||||| ||||| |||||

Db 17 CCCACAGCCAGCCCT 1

RESULT 664

US-09-866-108-6796/c
; Sequence 6796, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6796
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6796

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCCGCCCT 568
||||| ||||| |||||

Db 17 GCCCACAGCCAGCCCT 1

RESULT 665

US-09-866-108-8045
; Sequence 8045, Application US/09866108

; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8045
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8045

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 127 GATCGATGAGCAGAT 143
||||| ||||| |||||

Db 1 GAGCGATGAGCAGAT 17

RESULT 666

US-09-866-108-10010
; Sequence 10010, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 10010
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-866-108-10010

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
386 CGTCTCGAGTGAGGTG 402
|||||
1 CGTCTCGAGGCGGTG 17

SULT 667
-09-866-108-10664/c
Sequence 10664, Application US/09866108
Patent No. US2002004800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aeomica Sequence Listing Engine
;; SEQ ID NO 10664
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-10664

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1026 GCTGGTGACATTGGCC 1042
|||||
Db 17 GCTGGTGCTCTGGCC 1

RESULT 668
US-09-827-998-575
Sequence 575, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMOF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 575
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-575

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1010 AGAGGGAGAGCTCAAG 1026
|||||
Db 1 AGAGGAGAGAGGTCAAG 17

RESULT 669

```
US-09-827-998-576
; Sequence 576, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 576
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-576

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 GAGGGAGAGCTCAAGC 1027
      ||||| ||||| |||||
Db 1 GAGGAGAGAGTCAAGC 17

RESULT 670
US-09-785-548-8/c
; Sequence 8, Application US/09785548
; Patent No. US2002015557A1
; GENERAL INFORMATION:
; APPLICANT: AVENTIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: COMPOSITIONS THAT CAN BE USED FOR REGULATING THE ACTIVITY OF PARK
; FILE REFERENCE: ST000005
; CURRENT APPLICATION NUMBER: US/09/785,548
; CURRENT FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence:Oligonucleotide
US-09-785-548-8

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 966 GGTGCTACACCGAGACC 982
      ||||| ||||| |||||
Db 17 GATGCCACACCGAGACC 1

RESULT 671
US-09-730-289B-526/c
; Sequence 526, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH900-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
```

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; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 526
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-526

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 620 TTAAGCTGGGCAACTG 636
      ||||| ||||| |||||
Db 17 TTAAGCTGGGCAAGCTG 1

RESULT 672
US-09-927-046-808
; Sequence 808, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloric
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 808
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-808

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1571 ACTCAGGCAGGCCAGCT 1587
      ||||| ||||| |||||
Db 1 AAUCACAGCAGGCCAGCU 17

RESULT 673
US-09-927-046-809
; Sequence 809, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloric
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 809
; LENGTH: 17
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TYPE: RNA
ORGANISM: Homo sapiens
-09-927-046-809

```
Query Match          0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.5e+02;
Matches 12: Conservative 3; Mismatches 2; Indels 0; Gaps 0;
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```

1575 AGGCAGGCCAGCTTCC 1591
      | |||||:::|
1   AAGCAGGCCAGCUUUC 17

```

3ULT 674
 -09-927-046-1498
 sequence 1498, Application US/C9927046
 publication No. US20030054946A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc
 APPLICANT: McSwiggen, Jim
 APPLICANT: Thompson, Jim
 APPLICANT: McKenzie, Tim
 APPLICANT: Ayers, Dave
 APPLICANT: Grupe, Andrew
 APPLICANT: Szvinkowski, Edmund

```

Query Match          0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0

```

1569 TGACTCAGGCAGGCCAG 1585
: : : : :
1 TGAATCAAGCAGGCCAG 17

SULT 675
-00-848-754A-1433
Sequence 1433, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:

APPLICANT: Rhozyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
 FILE REFERENCE: MEHBO-958-1 (400/018)
 CURRENT APPLICATION NUMBER: US/09/848,754A
 CURRENT FILING DATE: 2001-05-03
 NUMBER OF SEQ ID NOS: 9645
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1433

Query Match	0.8%;	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	76.5%;	Pred. No. 5.5e+02;		
Matches	12.	Conservative	2.	Mismatches
			2.	Indels
			0.	Gaps
			0.	

989 CCCAGAACCTGCTCATC 1005
||||| : |||
1 CCCAGAACCTGCTCAAC 17

RESULT 676

```

US-09-848-754A-2295/C
; Sequence 2295, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid
; TITLE OF INVENTION: Levels of Epidermal G
; FILE REFERENCE: MEHBO0-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2295

```

Query Match	0.8%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	88.2%	Pred. No. 5.5e+02;		
Matcheg	15.	Conservative	0;	Mismatches 2;
				Indels 0;
				Gaps 0;

Qy 953 GCCACCGCAGAAGTG 969
pb 17 GCCACCGCAGGATGTG 1

RECIII.T 677

US-09-848-754A-2620/c
; Sequence 2620, Application US/09848754A
; Publication No. US20030073207A1

```

1  GENERAL INFORMATION:
2  APPLICANT: Ribozyme Pharmaceuticals, Inc.
3  TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
4  TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
5  FILE REFERENCE: MBHB00-958-I (400/018)
6  CURRENT APPLICATION NUMBER: US/09/848,754A
7  CURRENT FILING DATE: 2001-05-03
8  NUMBER OF SEQ ID NOS: 9645
9  SOFTWARE: PatentIn version 3.0
10 SEQ ID NO 2620

```

Query Match	0.8%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	88.2%;	Pred. NO. 5.5e+02;		
Matches	15. Conservative	0. Mismatches	2. Indels	
				Gaps 0;

QY 211 CAGATAGGCCTGGATGA 227
 ||| | | | | | |
Db 17 CACTTGGGCGCTGGATGA 1

DECEMBER 1970

RESULT 678
 US-09-930-423-185/c
 ; Sequence 185, Application US/09930423
 ; Publication No. US20030092003A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```

1  APPLICANT: MCSwigen, Jim
2  TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
3  FILE REFERENCE: MBH00,918-A 400/027
4  CURRENT APPLICATION NUMBER: US/09/930,423
5  CURRENT FILING DATE: 2001-08-15
6  NUMBER OF SEQ ID NOS: 4553
7  SOFTWARE: PatentIn version 3.0
8  SEQ ID NO 185

```

989 CCCAGAACCTGCTCATC 1005
||||| : |||
1 CCCAGAACCTGCTCAAC 17


```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-185

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGGCGCA 735
   | ||||| ||||| |||||
Db 17 AGCATGAAGAGGGGCGCA 1

RESULT 679
US-09-827-395A-632
; Sequence 632, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-632

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.8%; Pred. No. 5.5e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTGGCGCTGG 946
   ||| : ||| ||||| ||
Db 1 GCUGUCCGCGGCCUGG 17

RESULT 680
US-09-740-332-652/c
; Sequence 652, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-652

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

US-09-930-423-185
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-185

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGGCGCA 735
   | ||||| ||||| |||||
Db 17 AGCATGAAGAGGGGCGCA 1

RESULT 679
US-09-827-395A-632
; Sequence 632, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-632

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.8%; Pred. No. 5.5e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTGGCGCTGG 946
   ||| : ||| ||||| ||
Db 1 GCUGUCCGCGGCCUGG 17

RESULT 680
US-09-740-332-652/c
; Sequence 652, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-652

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

US-09-930-423-185
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-185

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGGCGCA 735
   | ||||| ||||| |||||
Db 17 AGCATGAAGAGGGGCGCA 1

RESULT 679
US-09-827-395A-632
; Sequence 632, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-632

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.8%; Pred. No. 5.5e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTGGCGCTGG 946
   ||| : ||| ||||| ||
Db 1 GCUGUCCGCGGCCUGG 17

RESULT 680
US-09-740-332-652/c
; Sequence 652, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 185
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-185

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGGCGCA 735
   | ||||| ||||| |||||
Db 17 AGCATGAAGAGGGGCGCA 1

RESULT 683
US-09-817-879-652/c
; Sequence 652, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
```

```

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1432 GCAGAGGATGCCATGAA 1448
   | ||||| ||||| |||||
Db 17 GGAGAGGATGCCATGCA 1

RESULT 681
US-09-740-332-1574
; Sequence 1574, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1574

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 351 GGGGTCGTGATGGGGAGA 367
   ||||| : ||||| |||||
Db 1 GGGGUCUGGGGGGAGA 17

RESULT 682
US-09-745-237A-185/c
; Sequence 185, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 185
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-185

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGGCGCA 735
   | ||||| ||||| |||||
Db 17 AGCATGAAGAGGGGCGCA 1

RESULT 683
US-09-817-879-652/c
; Sequence 652, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
```

APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 652
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-652

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1432 GCAGAGGATGCCATGAA 1448
17 GGAGAGGATGCCATGCA 1

SULT 684
-09-817-879-1574
Sequence 1574, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1574
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-1574

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

351 GGGGTCGTGATGGGAGA 367
1 GGGGUCUGCGGGGAGA 17

SULT 685
-10-060-998-61
Sequence 61, Application US/10060998
Publication No. US20030104530A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PB01108
CURRENT APPLICATION NUMBER: US/10/060,998
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/343,331
PRIOR FILING DATE: 2001-12-21
NUMBER OF SEQ ID NOS: 3056
SOFTWARE: Aeonica Sequence Listing Engine
SEQ ID NO 61
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-998-61

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 TATCTTAGGAACCCCAA 1267
DB 1 TATCTAAGGAATCCCAA 17

RESULT 686
US-10-163-552-557
Sequence 557, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to levels of HER2
FILE REFERENCE: MHB01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: PatentIn version 3.0
SEQ ID NO 557
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-163-552-557

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 654 CACCGTCTACAAAGGCA 670
DB 1 CACAGUCUACAGGGCA 17

RESULT 687
US-10-156-306-5038/c
Sequence 5038, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Levels of IKK-Gamma and PKR
FILE REFERENCE: MHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5038
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-5038

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 30 GCAGAGGTAGGCAGGAG 46

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 280

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

-10-061-201-280

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

696 GGCACTCAAGGAGATCA 712

17 GGCACTCAGAGATCA 1

SULT 692

-10-061-201-1983

Sequence 1983, Application US/10061201

Publication No. US20030166229A1

GENERAL INFORMATION:

APPLICANT: Shannon, Mark

TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/061.201

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/328,205

PRIOR FILING DATE: 2001-10-10

NUMBER OF SEQ ID NOS: 4162

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 1983

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

-10-061-201-1983

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1662 CCCTCAGGGGAGGCC 1678

1 CCCTCAGGGGAGGCC 17

SULT 693

-10-230-006-2190

Sequence 2190, Application US/10230006

Publication No. US20030191077A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Fosnaugh, Kathy

APPLICANT: McSwiggen, Jim

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND

FILE REFERENCE: 400/056 (MBHB01-1110)

; CURRENT APPLICATION NUMBER: US/10/230,006

; CURRENT FILING DATE: 2002-11-18

; PRIOR APPLICATION NUMBER: US 60/315,315

; PRIOR FILING DATE: 2001-08-28

; NUMBER OF SEQ ID NOS: 2678

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2190

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-230-006-2190

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 317 CTGCACCAGAGATTGTG 333

1 CUGCACCAGGACUGUG 17

RESULT 694

US-10-230-006-2191

; Sequence 2191, Application US/10230006

; Publication No. US20030191077A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Fosnaugh, Kathy

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND

; FILE REFERENCE: 400/056 (MBHB01-1110)

; CURRENT APPLICATION NUMBER: US/10/230,006

; CURRENT FILING DATE: 2002-11-18

; PRIOR APPLICATION NUMBER: US 60/315,315

; PRIOR FILING DATE: 2001-08-28

; NUMBER OF SEQ ID NOS: 2678

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2191

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-230-006-2191

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 318 TGCACCAGAGATTGTGC 334

1 UGCACCAGGACUGUGC 17

RESULT 695

US-10-430-882-632

; Sequence 632, Application US/10430882

; Publication No. US20030203870A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Lawrence Blatt

; APPLICANT: James McSwiggen

; APPLICANT: Bharat Chowrira

; APPLICANT: Peter Haeberli

; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G

; FILE REFERENCE: MBHB00-878-H (400/112)

; CURRENT APPLICATION NUMBER: US/10/430,882

; CURRENT FILING DATE: 2003-05-06

; PRIOR APPLICATION NUMBER: 09/827,395

; PRIOR FILING DATE: 2001-04-05

; PRIOR APPLICATION NUMBER: 09/780,533

; PRIOR FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: PCT/US01/04273

; PRIOR FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: 60/181,797

/ PRIOR FILING DATE: 2000-02-11
/ PRIOR APPLICATION NUMBER: PCT/US02/10512
/ PRIOR FILING DATE: 2002-04-03
/ NUMBER OF SEQ ID NOS: 2617
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 632
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-430-882-632

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.5e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 930 GCTGCTCCGGCTGG 946
DB 1 GCUGUCCGGCCUGG 17
		.				
		.				

RESULT 696
US-10-675-685-575
/ Sequence 575, Application US/10675685
/ Publication No. US20040063134A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: PB0114
/ CURRENT APPLICATION NUMBER: US/10/675,685
/ CURRENT FILING DATE: 2003-09-30
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 575
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-675-685-575

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1010 AGAGGGAGAGCTCAAG 1026
DB 1 AGAGGAGAGAGGTCAAG 17

RESULT 697
US-10-675-685-576
/ Sequence 576, Application US/10675685
/ Publication No. US20040063134A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: PB0114
/ CURRENT APPLICATION NUMBER: US/10/675,685
/ CURRENT FILING DATE: 2003-09-30
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 576
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens

US-10-675-685-576

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 GAGGGAGAGCTCAAGC 1027
DB 1 GAGGAGAGAGGTCAAGC 17

RESULT 698
US-10-138-674-1989
/ Sequence 1989, Application US/10138674
/ Publication No. US20040077565A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MEHB00-876-N (400/049)
/ CURRENT APPLICATION NUMBER: US/10/138,674
/ CURRENT FILING DATE: 2002-05-03
/ NUMBER OF SEQ ID NOS: 20822
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1989
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-138-674-1989

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 5.5e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1035 CTTTGGCTGGCCGAG 1051
DB 1 CUUUGGCUUGGCCGGG 17

RESULT 699
US-10-138-674-7700
/ Sequence 7700, Application US/10138674
/ Publication No. US20040077565A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MEHB00-876-N (400/049)
/ CURRENT APPLICATION NUMBER: US/10/138,674
/ CURRENT FILING DATE: 2002-05-03
/ NUMBER OF SEQ ID NOS: 20822
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 7700
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-138-674-7700

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 5.5e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCTGGCC 1048
DB 1 UGAUUUGGCCUUGGCC 17


```
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBHB00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 775
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-712-672-775

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 5.5e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 921 CCGTTCGAGCGTCGCC 937
DB 1 CCUGGCGAGCGUCGCC 17

RESULT 705
US-10-669-841-3245/c
; Sequence 3245, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE REFERENCE: 400/042US (MBHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3245
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
; US-10-669-841-4167

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
```

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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
; US-10-669-841-3245

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1432 GCAGAGGATGCCATGAA 1448
DB 17 GCGAGGATGCCATGCA 1

RESULT 706
US-10-669-841-4167
; Sequence 4167, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE REFERENCE: 400/042US (MBHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4167
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
; US-10-669-841-4167

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
```

atches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

351 GGGGTCGATGGGAGA 367
||||:|:| |||||
1 GGGGUCUGCGGGGAGA 17

SULT 707

-10-723-361-1526/c
Sequence 1526, Application US/10723361
Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723.361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 1526

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

-10-723-361-1526

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

986 AGCCCGACCTGCTC 1002

||||| |||||

17 AGCCCCATCCTGCTC 1

SULT 708

-10-723-361-6795/c
Sequence 6795, Application US/10723361
Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105

; CURRENT APPLICATION NUMBER: US/10/723.361

; CURRENT FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: US 09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; SEQ ID NO 6795

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-723-361-6795

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 553 CCCCTCAGCGCGCCT 569

||||| |||||

Db 17 CCCACAGCCACCGCCT 1

RESULT 709

US-10-723-361-6796/c

; Sequence 6796, Application US/10723361

; Publication No. US20040137589A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

; FILE REFERENCE: PB0105

; CURRENT APPLICATION NUMBER: US/10/723.361

; CURRENT FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: US 09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 6796
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-6796

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCGCC 568
||||| ||||| |||||
Db 17 GCCCACAGCCAGCC 1

RESULT 710
US-10-723-361-8045
Sequence 8045, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 8045
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-8045

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 127 GATCGGATGAAGAAGAT 143

Db 1 GAGCGGATGAGCAGAT 17
||||| ||||| |||||

RESULT 711
US-10-723-361-10010
Sequence 10010, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 10010
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-10010

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 CGTCCTCGGATGAGGTG 402
||||| ||||| |||||
Db 1 CGTCCTCGGAGCGGTG 17

RESULT 712
US-10-723-361-10664/c
Sequence 10664, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 10664
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-723-361-10664

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1026 GCTGGCTGACTTTGGCC 1042
|||||
17 GCTGGCTGCTTGGCC 1

SULT 713
-10-413-357A-104/c
Sequence 104, Application US/10413357A
Publication No. US20040203007A1
GENERAL INFORMATION:
APPLICANT: STOJANOVIC, MILAN N
APPLICANT: LANDRY, DONALD W
TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
FILE REFERENCE: 0575/68105
CURRENT APPLICATION NUMBER: US/10/413.357A
CURRENT FILING DATE: 2003-04-14
NUMBER OF SEQ ID NOS: 153
SOFTWARE: PatentIn version 3.1
SEQ ID NO 104
LENGTH: 17
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
-10-413-357A-104

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

963 GAAGGTGCTACCCGAG 979
|||||
17 GAAGGTGCTTACCCAG 1

SULT 714
-10-413-357A-109/c

; Sequence 109, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413.357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 109
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-109

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 963 GAAGGTGCTACCCGAG 979
|||||
Db 17 GAAGGTGCTTACCCAG 1

RESULT 715
US-10-413-357A-114/c
Sequence 114, Application US/10413357A
Publication No. US20040203007A1
GENERAL INFORMATION:
APPLICANT: STOJANOVIC, MILAN N
APPLICANT: LANDRY, DONALD W
APPLICANT: NIKIC, DRAGAN B
TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
FILE REFERENCE: 0575/68105
CURRENT APPLICATION NUMBER: US/10/413.357A
CURRENT FILING DATE: 2003-04-14
NUMBER OF SEQ ID NOS: 153
SOFTWARE: PatentIn version 3.1
SEQ ID NO 114
LENGTH: 17
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-114

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 963 GAAGGTGCTACCCGAG 979
|||||
Db 17 GAAGGTGCTTACCCAG 1

RESULT 716
US-10-413-357A-119/c
Sequence 119, Application US/10413357A
Publication No. US20040203007A1
GENERAL INFORMATION:
APPLICANT: STOJANOVIC, MILAN N
APPLICANT: LANDRY, DONALD W
APPLICANT: NIKIC, DRAGAN B
TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
FILE REFERENCE: 0575/68105

; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 119
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-119

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTACCCAG 1

RESULT 717

US-10-413-357A-124/c
; Sequence 124, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 124
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-124

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTACCCAG 1

RESULT 718

US-10-413-357A-129/c
; Sequence 129, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 129
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:

; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-129

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTACCCAG 1

RESULT 719

US-10-413-357A-134/c
; Sequence 134, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 134
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-134

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTACCCAG 1

RESULT 720

US-10-413-357A-139/c
; Sequence 139, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 139
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-139

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTACCCAG 1

17 GAAGGTGCTTCACCCAG 1

SULT 721

-10-413-357A-144/c

Sequence 144, Application US/10413357A

Publication No. US20040203007A1

GENERAL INFORMATION:

APPLICANT: STOJANOVIC, MILAN N

APPLICANT: LANDRY, DONALD W

APPLICANT: NIKIC, DRAGAN B

TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID

TITLE OF INVENTION: DETERMINATION

FILE REFERENCE: 0575/68105

CURRENT APPLICATION NUMBER: US/10/413,357A

CURRENT FILING DATE: 2003-04-14

NUMBER OF SEQ ID NOS: 153

SOFTWARE: PatentIn version 3.1

SEQ ID NO 144

LENGTH: 17

TYPE: DNA

ORGANISM: ARTIFICIAL SEQUENCE

FEATURE:

OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE

-10-413-357A-144

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

963 GAAGGTGCTTCACCCAG 979

17 GAAGGTGCTTCACCCAG 1

SULT 722

-10-413-357A-149/c

Sequence 149, Application US/10413357A

Publication No. US20040203007A1

GENERAL INFORMATION:

APPLICANT: STOJANOVIC, MILAN N

APPLICANT: LANDRY, DONALD W

APPLICANT: NIKIC, DRAGAN B

TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID

TITLE OF INVENTION: DETERMINATION

FILE REFERENCE: 0575/68105

CURRENT APPLICATION NUMBER: US/10/413,357A

CURRENT FILING DATE: 2003-04-14

NUMBER OF SEQ ID NOS: 153

SOFTWARE: PatentIn version 3.1

SEQ ID NO 149

LENGTH: 17

TYPE: DNA

ORGANISM: ARTIFICIAL SEQUENCE

FEATURE:

OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE

-10-413-357A-149

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

963 GAAGGTGCTTCACCCAG 979

17 GAAGGTGCTTCACCCAG 1

SULT 723

-09-911-860A-3

Sequence 3, Application US/09911860A

Publication No. US20030104383A1

GENERAL INFORMATION:

APPLICANT: Nakamura, Kanji

APPLICANT: Ueno, Toshihiro

TITLE OF INVENTION: Nucleic Acid, Nucleic Acid for Detecting Chlorinated Ethylene-Decomp

TITLE OF INVENTION: Bacteria, Probe, Method of Detecting Chlorinated Ethylene-Decomp

TITLE OF INVENTION: and Method of Decomposing Chlorinated Ethylene or Ethane

FILE REFERENCE: 9659/0L377-US0

CURRENT APPLICATION NUMBER: US/09/911.860A

CURRENT FILING DATE: 2002-12-17

PRIOR APPLICATION NUMBER: JP2000-227580

PRIOR FILING DATE: 2000-07-24

PRIOR APPLICATION NUMBER: JP2001-066001

PRIOR FILING DATE: 2001-03-09

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PatentIn version 3.1

SEQ ID NO 3

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: primer

US-09-911-860A-3

Query Match 0.8%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 5.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 596 GCTTTGGGAAACTGGAG 612

Db 1 GCITCGGAAACTGAAG 17

RESULT 724

US-09-823-885-3

Sequence 3, Application US/09823885

Publication No. US20030186044A1

GENERAL INFORMATION:

APPLICANT: Jacobs, Kenneth

APPLICANT: McCoy, John M.

APPLICANT: LaVallie, Edward R.

APPLICANT: Collins-Racie, Lisa A.

APPLICANT: Evans, Cheryl

APPLICANT: Merberg, David

APPLICANT: Treacy, Maurice

APPLICANT: Genetics Institute, Inc.

TITLE OF INVENTION: NOVEL PROTEINS

FILE REFERENCE: GIN-6507CP

CURRENT APPLICATION NUMBER: US/09/823,885

CURRENT FILING DATE: 2001-03-30

PRIOR APPLICATION NUMBER: US 60/193,769

PRIOR FILING DATE: 2000-03-31

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 3

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: oligonucleotide

US-09-823-885-3

Query Match 0.8%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 5.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 627 GGACAAACTGGCGAGG 643

Db 2 GGACAAACTGGCGGAG 18

RESULT 725

US-10-156-610-19/c

Sequence 19, Application US/10156610

Publication No. US20030050270A1

GENERAL INFORMATION:

```
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Erich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
; FILE REFERENCE: ISPH-0666
; CURRENT APPLICATION NUMBER: US/10/156,610
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 09/856,246
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: PCT/US99/16959
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/197,008
; PRIOR FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 83
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-156-610-19

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      831 CACCCTTGCTTTGAGT 847
Db      17 CACCCTGGCCTTTGAGT 1

RESULT 726
US-10-133-779-127/c
; Sequence 127, Application US/10133779
; Publication No. US20030165894A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; APPLICANT: StemCyte, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 127
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-127

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      503 CTGAGGGCTACTGGAG 519
Db      18 CTGAGCCTACCTGGAG 2

RESULT 727
US-10-168-445-2
; Sequence 2, Application US/10168445
; Publication No. US20030177518A1
; GENERAL INFORMATION:
; APPLICANT: Osbourn, Anne E
; APPLICANT: Haralampidis, Kosmas
; APPLICANT: Bryan, Gregory T
; TITLE OF INVENTION: Plant Gene
```

```
; FILE REFERENCE: 0380-P02892US0
; CURRENT APPLICATION NUMBER: US/10/168,445
; CURRENT FILING DATE: 2002-10-30
; PRIOR APPLICATION NUMBER: PCT/GB00/04908
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: GB 9930394.3
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: GB 0020217.6
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 219
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer
US-10-168-445-2

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1079 CCAATGAGGTGGTGACA 1095
Db      2 CCCATGAGGTGGTGACA 18

RESULT 728
US-10-388-263-281/c
; Sequence 281, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 281
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-281

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      512 ACCTGGAGAAGCTGACC 528
Db      17 ACGTGGAGAAGGTGACC 1

RESULT 729
US-10-428-868-22
; Sequence 22, Application US/10428868
; Publication No. US20030235532A1
; GENERAL INFORMATION:
```

```
APPLICANT: Russell, Stephen
APPLICANT: Kay Whye, Peng
TITLE OF INVENTION: System for Monitoring the Location of
FILE REFERENCE: Transgenes
CURRENT APPLICATION NUMBER: US/10/428,868
CURRENT FILING DATE: 2003-05-01
PRIOR APPLICATION NUMBER: US/09/640,198D
PRIOR FILING DATE: 2000-08-16
PRIOR APPLICATION NUMBER: US 60/149,168
PRIOR FILING DATE: 1999-08-17
NUMBER OF SEQ ID NOS: 34
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
-10-428-868-22

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1723 CATGTCACCTGCCAC 1739
||||| ||||| ||
1 CATGTCATCTGCTAC 17

SULT 730
-10-016-248-68
Sequence 68, Application US/10016248
Publication No. US20040033491A1
GENERAL INFORMATION:
APPLICANT: Alsbrook et al.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-218
CURRENT APPLICATION NUMBER: US/10/016,248
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: 60/254,329
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/291,037
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: 60/255,648
PRIOR FILING DATE: 2000-12-14
PRIOR APPLICATION NUMBER: 60/297,173
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: 60/309,258
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/326,393
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/315,639
PRIOR FILING DATE: 2001-08-29
NUMBER OF SEQ ID NOS: 167
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 68
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide primer
-10-016-248-68

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

555 CCTCAGCGCGCGCTCC 571
||||| ||||| ||
1 CCTCAGCGTCCGCTCC 17

SULT 731
```

```
US-10-138-674-3004
; Sequence 3004, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3004
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674-3004

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCCTGGCCG 1049
||||: |||: |||||
Db 1 GACUUGGCUUGGCCG 17

RESULT 732
US-10-257-384A-12
; Sequence 12, Application US/10257384A
; Publication No. US20040087524A1
; GENERAL INFORMATION:
; APPLICANT: Wiederanders, Bernd
; APPLICANT: Maubach, Gunter
; TITLE OF INVENTION: Agent for postoperative use after removal of bone tumors
; FILE REFERENCE: 2945-101
; CURRENT APPLICATION NUMBER: US/10/257,384A
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: PCT/DE 01/01510
; PRIOR FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: DE 100 20 125.3
; PRIOR FILING DATE: 2000-04-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Spacer molecule
; FEATURE:
; OTHER INFORMATION: spacer between Cystatin C and BMP-2
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(18)
US-10-257-384A-12

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 229 AGTCGTGGTGGTGGCG 245
||||| ||||| ||
Db 1 AGCGTGGCGGTGGCG 17

RESULT 733
US-10-287-949A-3004
; Sequence 3004, Application US/10287949A
```

Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3004
LENGTH: 18
TYPE: RNA
ORGANISM: Mus musculus
US-10-287-949A-3004

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGCGCCG 1049
||||: ||||: |||||
DB 1 GACUUCGGCUGGCGCG 17

RESULT 734

US-09-891-517-90/c
Sequence 90, Application US/09891517
Patent No. US20020106653A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 90
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-90

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1721 GCATGTTCCACCTGCC 1737
||||| ||||| |||||
DB 19 GCCATGTGCACGTGCC 3

RESULT 735

US-09-891-517-97
Sequence 97, Application US/09891517
Patent No. US20020106653A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 97
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-97

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1721 GCATGTTCCACCTGCC 1737
||||| ||||| |||||
DB 1 GCCATGTGCACGTGCC 17

RESULT 736

US-09-891-517-105/c
Sequence 105, Application US/09891517
Patent No. US20020106653A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 105
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-105

OTHER INFORMATION: Synthetic DNA

-09-891-517-105

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1721 GCCATGTTCACTGCCC 1737
||||| ||| ||| |||
19 GCCATGTGCACGTGCC 3

SULT 737

-09-891-517-107/c
Sequence 107, Application US/09891517
Patent No. US20020106653A1

GENERAL INFORMATION:

APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU

TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA

TITLE OF INVENTION: METHOD

FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 107
LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic DNA

-09-891-517-107

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1721 GCCATGTTCACTGCCC 1737
||||| ||| ||| |||
19 GCCATGTGCACGTGCC 3

SULT 738

-10-173-718-6/c

Sequence 6, Application US/10173718
Publication No. US2003023437A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION

FILE REFERENCE: PFS-0036

CURRENT APPLICATION NUMBER: US/10/173,718

CURRENT FILING DATE: 2002-06-17

NUMBER OF SEQ ID NOS: 125

SEQ ID NO 6

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR Primer

US-10-173-718-6

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1563 GATGCTGTGCTCAGGCA 1579
||||| ||| ||| |||
Db 17 GATGCTGTGCTCAGGAA 1

RESULT 739

US-10-206-618-41

; Sequence 41, Application US/10206618
; Publication No. US20040018497A1

GENERAL INFORMATION:

; APPLICANT: Warden, Craig H.
; TITLE OF INVENTION: HUMAN OBESITY LIPIN3 POLYNUCLEOTIDE AND
; TITLE OF INVENTION: POLYPEPTIDE SEQUENCES AND METHODS OF USE THEREOF
; FILE REFERENCE: 22002064100
; CURRENT APPLICATION NUMBER: US/10/206,618
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

US-10-206-618-41

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1383 CGACCTCTCACCAGC 1399
||||| ||| ||| |||
Db 3 CGACCACTTACCAGC 19

RESULT 740

US-10-665-951-1545

; Sequence 1545, Application US/10665951
; Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Belgelman, Leonid

APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/131 (MEHB02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: US 10/664,668

PRIOR FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: PCT/US 03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 10/287,949

PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: PCT/US 02/17674

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1545

LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
US-10-665-951-1545

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 517 GAGAAGCTGACCTCAA 533
|||||||:|:|:|
Db 1 GAGAAGCUGGUCCUCAA 17

RESULT 741

US-10-665-951-1792/c

Sequence 1792, Application US/10665951
Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Beigelman, Leonid

APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial Growth Factor and Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/131 (MEH02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: US 10/664,668

PRIOR FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: PCT/US 03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 10/287,949

PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: PCT/US 02/17674

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1792

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1792

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 517 GAGAAGCTGACCTCAA 533
|||||||:|:|:|

Db 19 GAGAAGCTGGCTCTCAA 3

RESULT 742

US-10-683-990-85/c

Sequence 85, Application US/10683990

Publication No. US20040198682A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics

APPLICANT: McSwiggen, James

APPLICANT: Usman, Nassim

APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/134 (02-742-H)

CURRENT APPLICATION NUMBER: US/10/683,990

CURRENT FILING DATE: 2003-10-10

PRIOR APPLICATION NUMBER: PCT/US03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/406,784

PRIOR FILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: US 60/408,378

PRIOR FILING DATE: 2002-09-05

PRIOR APPLICATION NUMBER: US 60/409,293

PRIOR FILING DATE: 2002-09-09

PRIOR APPLICATION NUMBER: US 60/440,129

PRIOR FILING DATE: 2003-01-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 256

SOFTWARE: PatentIn version 3.2

SEQ ID NO 85

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
US-10-683-990-85

Query Match 0.8%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 298 GCACGGGGCCCACTCAG 314

|||||||:|:|:|

Db 19 GCCCGGGGGCCCACTCTG 3

RESULT 743

US-10-683-990-182

Sequence 182, Application US/10683990

Publication No. US20040198682A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics

APPLICANT: McSwiggen, James

APPLICANT: Usman, Nassim

APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/134 (02-742-H)

CURRENT APPLICATION NUMBER: US/10/683,990

CURRENT FILING DATE: 2003-10-10

PRIOR APPLICATION NUMBER: PCT/US03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 256
SOFTWARE: PatentIn version 3.2
SEQ ID NO 182
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
-10-683-990-182

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 6.2e-02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

298 GCACGGGCGCCACTCAG 314
|||||||
1 GCCCGGGGCCACUCUG 17

SULT 744
-09-923-517-9
Sequence 9, Application US/09923517
Publication No. US20020039741A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517
FILING DATE: 07-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-923-517-9

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCCTCAGCGCCGCC 569
|||||||
Db 2 GCCCCTCAGCGCCGCAC 18

RESULT 745
US-09-782-516-1/c
; Sequence 1, Application US/09782516
; Patent No. US20020072095A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark
; TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplification
; FILE REFERENCE: 0942.114000B
; CURRENT APPLICATION NUMBER: US/09/782,516
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/221,465
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Primer
US-09-782-516-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACAACTACC 1324
|||||||
Db 17 CAAGACATACATCGACC 1

RESULT 746
US-09-782-516-3/c
; Sequence 3, Application US/09782516
; Patent No. US20020072095A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark

```
; TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplifica
; TITLE OF INVENTION: Reactions
; FILE REFERENCE: 0942.114000B
; CURRENT APPLICATION NUMBER: US/09/782,516
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/221,465
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Primer
US-09-782-516-3

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACCTACC 1324
DQ 17 CAAGACATACATCGACC 1

RESULT 747
US-09-939-581A-12/c
; Sequence 12, Application US/09939581A
; Patent No. US20020102245A1
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107,77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER
US-09-939-581A-12

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGAGTACCTCGACAAG 859
DQ 18 TGAGTACCGGACAAG 2

RESULT 748
US-09-791-243-66

; Sequence 66, Application US/09791243
; Patent No. US20020147164A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
; FILE REFERENCE: RTS-0095
; CURRENT APPLICATION NUMBER: US/09/791,243
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-243-66

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 733 GCACCCCTGCACCGCAT 749
DQ 4 GCGCCCTGCACCGCCCT 20

RESULT 749
US-09-791-942-77
; Sequence 77, Application US/09791942
; Patent No. US20020147166A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0099
; CURRENT APPLICATION NUMBER: US/09/791,942
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-942-77

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1571 ACTCAGCGCAGCCAGCT 1587
DQ 4 ACTCTGCGCAGCCATCT 20

RESULT 750
US-09-898-361-71/c
; Sequence 71, Application US/09898361
; Publication No. US20030008732A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
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```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1202 CCCTCTTCGGGTCC 1218
    ||||| ||||| |||||
Db 19 CCACTTCTCGGCTCC 3

RESULT 755
US-09-976-800-47
; Sequence 47, Application US/09976800
; Publication No. US2003007795A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleason, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF CLOSTRIDIUM
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/09/976,800
; CURRENT FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-976-800-47

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
    ||||| ||||| |||||
Db 2 AGAGGGCAGGCTCAAG 18

RESULT 756
US-09-776-479-1019
; Sequence 1019, Application US/09776479
; Publication No. US2003008784A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1019
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1547 GCCTTCGGTCTTCGTGC 1563
    ||||| ||||| |||||
Db 1 GCCTTCGATCTTCGTTC 17
```

```
RESULT 757
US-09-776-479-1019
; Sequence 1019, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1019
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1547 GCCTTCGGTCTTCGTGC 1563
    ||||| ||||| |||||
Db 1 GCCTTCGATCTTCGTTC 17
```

```
RESULT 758
US-09-953-047-68
; Sequence 68, Application US/09953047
; Publication No. US2003008785A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-68
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 977 GAGACCTCAAGCCCCAG 993
    ||||| ||||| |||||
Db 2 GAGACCCCAAGCCCTG 18
```

```
NULT 759
-09-149-310-2/c
Sequence 2, Application US/09149310
Publication No. US20040088750A1
GENERAL INFORMATION:
APPLICANT: VAN OOLJEN, ALBERT J.J.
APPLICANT: RIETVELD, KRJUN
APPLICANT: QUAX, WILHELMUS J.
APPLICANT: PEN, JAN
APPLICANT: HOEKEMA, ANDREAS
APPLICANT: SIJMONS, PETER C.
APPLICANT: VERBOED, TEUNIS C.
TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR USE
FILE REFERENCE: 26192-20011.24
CURRENT APPLICATION NUMBER: US/09/149,310
CURRENT FILING DATE: 1998-02-02
EARLIER APPLICATION NUMBER: 08/626,554
EARLIER FILING DATE: 1996-04-02
EARLIER APPLICATION NUMBER: 08/146,422
EARLIER FILING DATE: 1993-11-02
EARLIER APPLICATION NUMBER: 07/756,994
EARLIER FILING DATE: 1991-09-11
EARLIER APPLICATION NUMBER: 07/498,561
EARLIER FILING DATE: 1990-03-23
EARLIER APPLICATION NUMBER: EP 91200688.9
EARLIER FILING DATE: 1991-03-25
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
-09-149-310-2
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

115 CCGATCGCCGATGTCG 131
|||||
20 CAGATCTCCGATGTCG 4

SULT 760
-10-057-550-83/c
Sequence 83, Application US/10057550
Publication No. US20030032607A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/057,550
CURRENT FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: 09/506,073
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: US 09/143,214
PRIOR FILING DATE: 1998-08-28
PRIOR APPLICATION NUMBER: PCT/US98/13961
PRIOR FILING DATE: 1998-07-06
PRIOR APPLICATION NUMBER: US 08/888,982
PRIOR FILING DATE: 1997-07-07
PRIOR APPLICATION NUMBER: US 08/756,806
PRIOR FILING DATE: 1996-11-26
PRIOR APPLICATION NUMBER: PCT/US95/07111
PRIOR FILING DATE: 1995-05-31
PRIOR APPLICATION NUMBER: US 08/250,856
PRIOR FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 83
LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-057-550-83
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1152 TGACATGTGGGCTGTGG 1168
|||||
Db 17 TGACATGTGTGGTGTGG 1

RESULT 761
US-10-138-838-47
; Sequence 47, Application US/10138838
; Publication No. US20030049822A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/138,838
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-138-838-47
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1010 AGAGGGGAGAGCTCAAG 1026
|||||
Db 2 AGAGGGCAGGGCTCAAG 18

RESULT 762
US-10-139-031-47
; Sequence 47, Application US/10139031
; Publication No. US20030049822A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
```

```
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF C
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/139,031
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-031-47

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
    ||||| || |||||
Db 2 AGAGGGCAGGGCTCAAG 18

RESULT 763
US-10-112-653-972
; Sequence 972, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 972
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-972

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGGTCTTCGTG 1563
    ||||| |||||
Db 1 GCCTTCGATCTTCGTG 17

RESULT 764
US-10-017-995-1019
; Sequence 1019, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
```

```
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-1019
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGGTCTTCGTG 1563
    ||||| |||||
Db 1 GCCTTCGATCTTCGTG 17
```

```
RESULT 765
US-10-138-905-47
; Sequence 47, Application US/10138905
; Publication No. US20030068800A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Birch, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF C
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/138,905
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-138-905-47
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
    ||||| |||||
Db 2 AGAGGGCAGGGCTCAAG 18
```

```
RESULT 766
US-10-138-916-47
; Sequence 47, Application US/10138916
; Publication No. US20030073220A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Birch, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
```

APPLICANT: Brenner, Alfred A.
APPLICANT: Tang, Maria
APPLICANT: Loper, John C.
APPLICANT: Gleeson, Martin
TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450 OXIDOREDUCTASE
TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF CYTOCHROME P450
TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
FILE REFERENCE: 1010-16
CURRENT APPLICATION NUMBER: US/10/138,916
CURRENT FILING DATE: 2002-05-03
PRIOR FILING DATE: 09/976,800
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: US 09/302,602
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 118
SOFTWARE: PatentIn version 3.1
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
-10-138-916-47
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1010 AGAGGGGAGAGCTCAAG 1026
|||||
2 AGAGGGCAGGCTCAAG 18
-10-244-401A-1/c
Sequence 1, Application US/10244401A
Publication No. US20030077637A1
GENERAL INFORMATION:
APPLICANT: Hartley, James L.
APPLICANT: Berninger, Mark
TITLE OF INVENTION: Process for Controlling Contamination of
TITLE OF INVENTION: Nucleic Acid Amplification Reactions
FILE REFERENCE: 0942.114000C
CURRENT APPLICATION NUMBER: US/10/244,401A
CURRENT FILING DATE: 2002-09-17
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: US 09/782,516
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: US 08/962,701
PRIOR FILING DATE: 1994-04-01
PRIOR APPLICATION NUMBER: US 08/221,465
PRIOR FILING DATE: 1993-06-22
PRIOR APPLICATION NUMBER: US 07/728,874
PRIOR FILING DATE: 1991-07-12
PRIOR APPLICATION NUMBER: US 07/633,389
PRIOR FILING DATE: 1990-12-31
PRIOR APPLICATION NUMBER: US 07/401,840
PRIOR FILING DATE: 1989-09-01
PRIOR APPLICATION NUMBER: US 07/360,120
PRIOR FILING DATE: 1989-06-01
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide primer
3-10-244-401A-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy 1308 CAAGACATACAACTACC 1324
Db 17 CAAGACATACATCGACC 1
RESULT 768
US-10-244-401A-3/c
Sequence 3, Application US/10244401A
Publication No. US20030077637A1
GENERAL INFORMATION:
APPLICANT: Hartley, James L.
APPLICANT: Berninger, Mark
TITLE OF INVENTION: Process for Controlling Contamination of
TITLE OF INVENTION: Nucleic Acid Amplification Reactions
FILE REFERENCE: 0942.114000C
CURRENT APPLICATION NUMBER: US/10/244,401A
CURRENT FILING DATE: 2002-09-17
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: US 09/782,516
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: US 08/962,701
PRIOR FILING DATE: 1994-04-01
PRIOR APPLICATION NUMBER: US 08/221,465
PRIOR FILING DATE: 1993-06-22
PRIOR APPLICATION NUMBER: US 07/728,874
PRIOR FILING DATE: 1991-07-12
PRIOR APPLICATION NUMBER: US 07/633,389
PRIOR FILING DATE: 1990-12-31
PRIOR APPLICATION NUMBER: US 07/401,840
PRIOR FILING DATE: 1989-09-01
PRIOR APPLICATION NUMBER: US 07/360,120
PRIOR FILING DATE: 1989-06-01
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide primer containing deoxyuridine
US-10-244-401A-3
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy 1308 CAAGACATACAACTACC 1324
Db 17 CAAGACATACATCGACC 1
RESULT 769
US-10-010-802-355/c
Sequence 355, Application US/10010802
Publication No. US20030078220A1
GENERAL INFORMATION:
APPLICANT: Genaisance Pharmaceuticals
APPLICANT: Chew, Anne
APPLICANT: Denton, R. Rex
APPLICANT: Duda, Amy
APPLICANT: Nandabalan, Krishnan
APPLICANT: Stephens, J. Claiborne
APPLICANT: Windemuth, Andreas
TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin
TITLE OF INVENTION: 4 Receptor Alpha Gene
FILE REFERENCE: MWH-0002US2 IL4R alpha


```
; CURRENT APPLICATION NUMBER: US/10/010.802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 355
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-355

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CACAGACACCTTTGG 697
Db 20 CACAGACCCCTTTGG 4

RESULT 770
US-10-216-373-9
; Sequence 9, Application US/10216373
; Publication No. US20030096750A1
; GENERAL INFORMATION:
; APPLICANT: Tombran-Tink, Joyce
; APPLICANT: Steele, Fintan R
; APPLICANT: Chader, Gerald J
; APPLICANT: Becerra, Sofia P
; APPLICANT: Johnson, Lincoln V
; APPLICANT: Rodriguez, Ignacio R
; TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
; FILE REFERENCE: 2026-4203US1
; CURRENT APPLICATION NUMBER: US/10/216,373
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US/08/520,373
; PRIOR FILING DATE: 1995-08-29
; PRIOR APPLICATION NUMBER: 08/377,710
; PRIOR FILING DATE: 1995-01-25
; PRIOR APPLICATION NUMBER: 08/279,979
; PRIOR FILING DATE: 1994-07-25
; PRIOR APPLICATION NUMBER: 07/894,215
; PRIOR FILING DATE: 1992-06-04
; PRIOR APPLICATION NUMBER: 07/952,796
; PRIOR FILING DATE: 1992-09-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PRIMER
; FEATURE:
; OTHER INFORMATION: PRIMER 603
US-10-216-373-9

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 CCAGCGGCGCGGCTG 1647
Db 2 CAAGCTGGCGCGGCTG 18

RESULT 771
US-10-001-076-173/c
; Sequence 173, Application US/10001076
; Publication No. US20030096775A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-72

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 568 CTCGTCGTGTGTCAGCCT 584
Db 1 CTCGGTCATGTCATCCT 17

RESULT 773
US-10-006-430-72/c
; Sequence 72, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-72

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 391 TCGGATGAGGTGCAGTC 407
Db 20 TCAGATGAGGTGCAGGC 4

RESULT 772
US-10-007-078-29
; Sequence 29, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-29

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 391 TCGGATGAGGTGCAGTC 407
Db 20 TCAGATGAGGTGCAGGC 4
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Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1700 ACTCTGCTGCTGCTGCTG 1716
17 ACTCTGCTGCTGCTGCTGCTG 1

SULT 774
-10-325-881-21/c
Sequence 21, Application US/10325881
Publication No. US20030119047A1
GENERAL INFORMATION:
APPLICANT: YOSHIKAWA, YOSHIE
APPLICANT: MURAI, HIROYUKI
APPLICANT: ASADA, KIYOZO
APPLICANT: HINO, IKUNOSHIN
APPLICANT: KATO, IKUNOSHIN
TITLE OF INVENTION: CANCER-ASSOCIATED GENES
FILE REFERENCE: 1422-388P
CURRENT APPLICATION NUMBER: US/10/325,881
CURRENT FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: US/09/377,497
PRIOR FILING DATE: 1999-08-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: any n or Xaa = unknown
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
-10-325-881-21

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1055 AGTCAATCCCAACAAG 1071
17 AGTCAATCCCAACAAG 1

SULT 775
-10-059-579-42/c
Sequence 42, Application US/10059579
Publication No. US20030138783A1
GENERAL INFORMATION:
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: SUKUMAR, Saraswati
APPLICANT: EVRON, Ella
APPLICANT: DOOLEY, William C.
APPLICANT: DAVIDSON, Nancy
APPLICANT: FACKLER, Mary Jo.
TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
FILE REFERENCE: JHUI630-1
CURRENT APPLICATION NUMBER: US/10/059,579
CURRENT FILING DATE: 2003-02-03
PRIOR APPLICATION NUMBER: US 09/771,357
PRIOR FILING DATE: 2001-01-26
NUMBER OF SEQ ID NOS: 136
SOFTWARE: PatentIn version 3.1
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
3-10-059-579-42

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

843 TGAGTACTGCAAGG 859
18 TGAGTACCGGAGG 2

US-10-299-886-12
Sequence 12, Application US/10299886
Publication No. US20030139366A1
GENERAL INFORMATION:
APPLICANT: Roberts, Anita B.
APPLICANT: Ashcroft, Gilian S.
APPLICANT: Russo, Angelo
APPLICANT: Mitchell, James B.
TITLE OF INVENTION: Inhibition of Smad3 to Prevent Fibrosis
FILE REFERENCE: NIH193.001C1
CURRENT APPLICATION NUMBER: US/10/299,886
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: PCT/US00/13725
PRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-299-886-12

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1093 ACACCTGTGTACCGGCC 1109
1 ACACCTGTGTACCGGCC 17

US-10-371-474-34/c
Sequence 34, Application US/10371474
Publication No. US2003014242A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: William Gaarde
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
FILE REFERENCE: RTS-0169
CURRENT APPLICATION NUMBER: US/10/371,474
CURRENT FILING DATE: 2003-02-21
PRIOR APPLICATION NUMBER: US/09/676,436
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-371-474-34

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

150 GCAGCTGTCAATGACAC 166

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; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-218-47

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. NO. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1010 AGAGGGGAGAGCTCAAG 1026
        ||||| || |||||
Db       2 AGAGGGGAGGCTCAAG 18

RESULT 780
US-10-169-983-38
; Sequence 38, Application US/10169983
; Publication No. US20030158250A1
; GENERAL INFORMATION:
; APPLICANT: Takara Shuzo Co., Ltd.
; TITLE OF INVENTION: Therapeutic agents
; FILE REFERENCE: 01-011-PCT
; CURRENT APPLICATION NUMBER: US/10/169,983
; CURRENT FILING DATE: 2002-07-14
; PRIOR APPLICATION NUMBER: JP 2000-4989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: JP 2000-303711
; PRIOR FILING DATE: 2000-10-03
; NUMBER OF SEQ ID NOS: 61
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed primer based on nucleotide sequence of
; OTHER INFORMATION: human GABA(A) receptor-associated protein mRNA.
US-10-169-983-38

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. NO. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      917 TGTCTCTGTTCCAGCTG 933
        ||||| || |||||
Db       4 TGTCTCTGTACAGCTG 20

RESULT 781
US-10-032-189-171/c
; Sequence 171, Application US/10032189
; Publication No. US20030170630A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook II, John P
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Liu, Xiaohong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zethusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Grosse, William M
; APPLICANT: Lepley, Denise M
; APPLICANT: Burgess, Catherine E
; APPLICANT: Shinkets, Richard A
; APPLICANT: Grosse, William M
; APPLICANT: Szekeres, Edward S
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie J
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Gorman, Linda
; APPLICANT: Gangolli, Esha A

```

APPLICANT: Fernandes, Elma R
APPLICANT: Rieger, Daniel K
APPLICANT: Edinger, Shlomit R
APPLICANT: Gunther, Erik
APPLICANT: Millet, Isabelle
APPLICANT: Sciore, Paul
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-228
CURRENT APPLICATION NUMBER: US/10/032,189
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/257,495
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/258,171
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 60/269,940
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/274,192
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/277,826
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/279,840
PRIOR FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: 60/282,981
PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: 60/283,656
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/309,247
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/311,754
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/313,331
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 260
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 171
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ag2597 Reverse
OTHER INFORMATION: Primer
-10-032-189-171
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1240 TTCATCTTCGGTATCTT 1256
18 TTCATCTTCGGCATTTT 2
-10-289-757-217
RESULT 782
Sequence 217, Application US/10289757
Publication No. US20030180751A1
GENERAL INFORMATION:
APPLICANT: Demmer, Jeron
APPLICANT: Forster, Richard L
APPLICANT: Gibson, John Bryan
APPLICANT: Shenk, Michael Andrew
APPLICANT: No. US20030180751A1riss, Geoffrey
APPLICANT: Glenn, Matthew
APPLICANT: Saulsbury, Keith Martin
APPLICANT: Hall, Claire
TITLE OF INVENTION: Compositions isolated from forage
FILE REFERENCE: 11000.1061U
CURRENT APPLICATION NUMBER: US/10/289,757
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: 60/337,703
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 218
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 217
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Made in the lab
US-10-289-757-217
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
851 TGGACAAGGACCTGAAG 867
2 TGGACATGGACCAGAAG 18
RESULT 783
US-10-032-585-5188
Sequence 5188, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5188
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5188
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1717 CTGAGCCATGTCACCT 1733
4 CTGAGCCCTGTGCACCT 20
RESULT 784
US-10-032-585-5598
Sequence 5598, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5598
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5598
Query Match 0.8%; Score 13.8; DB 1; Length 20;

APPLICANT: Fernandes, Elma R
APPLICANT: Rieger, Daniel K
APPLICANT: Edinger, Shlomit R
APPLICANT: Gunther, Erik
APPLICANT: Millet, Isabelle
APPLICANT: Sciore, Paul
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-228
CURRENT APPLICATION NUMBER: US/10/032,189
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/257,495
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/258,171
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 60/269,940
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/274,192
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/277,826
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/279,840
PRIOR FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: 60/282,981
PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: 60/283,656
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/309,247
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/311,754
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/313,331
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 260
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 171
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ag2597 Reverse
OTHER INFORMATION: Primer
-10-032-189-171
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1240 TTCATCTTCGGTATCTT 1256
18 TTCATCTTCGGCATTTT 2
-10-289-757-217
RESULT 782
Sequence 217, Application US/10289757
Publication No. US20030180751A1
GENERAL INFORMATION:
APPLICANT: Demmer, Jeron
APPLICANT: Forster, Richard L
APPLICANT: Gibson, John Bryan
APPLICANT: Shenk, Michael Andrew
APPLICANT: No. US20030180751A1riss, Geoffrey
APPLICANT: Glenn, Matthew
APPLICANT: Saulsbury, Keith Martin
APPLICANT: Hall, Claire
TITLE OF INVENTION: Compositions isolated from forage
FILE REFERENCE: 11000.1061U
CURRENT APPLICATION NUMBER: US/10/289,757
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: 60/337,703
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 218
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 217
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Made in the lab
US-10-289-757-217
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
851 TGGACAAGGACCTGAAG 867
2 TGGACATGGACCAGAAG 18
RESULT 783
US-10-032-585-5188
Sequence 5188, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5188
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5188
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1717 CTGAGCCATGTCACCT 1733
4 CTGAGCCCTGTGCACCT 20
RESULT 784
US-10-032-585-5598
Sequence 5598, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5598
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5598
Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1335 AGCGAGGCCCTTTGA 1351
||||| ||||| ||
Cp 1 AGCGATGCCCTTTGA 17

RESULT 785
US-10-331-907-357/c
; Sequence 357, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hesse, John W
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshihiko
; Merriman, Tony R
; Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1el LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 357:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 357:
US-10-331-907-357

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1435 GAGGATGCCATCAACA 1451
||||| ||||| |||||
Cp 20 GAGGAGGCCATCAACA 4

RESULT 786
US-10-405-660-47
; Sequence 47, Application US/10405660
; Publication No. US20030186411A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Erich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF CYTOCHROME P450
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/405,660
; CURRENT FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-405-660-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGAGAGCTCAAG 1026
||||| ||||| |||||
Db 2 AGAGGGCAGGGCTCAAG 18

RESULT 787
US-10-430-196-9
; Sequence 9, Application US/10430196
; Publication No. US20030194738A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/430,196
; FILING DATE: 05-May-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517A
; FILING DATE: 07-Aug-2001

APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
-10-430-196--9
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
552 GCCCCTCAGCGCCGCC 568
|||||
2 GCCCCTCAGCGCCGCC 18
RESULT 788
-10-181-874-21
Sequence 21, Application US/10181874
Publication No. US20030212020A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Susan Murray
APPLICANT: Lex M. Cowsett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTSP-0351
CURRENT APPLICATION NUMBER: US/10/181,874
CURRENT FILING DATE: 2002-07-22
PRIOR APPLICATION NUMBER: 09/489,869
PRIOR FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-181-874-21
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
39 GGCAGGAGGAGGAGGAG 55
|||||
2 GGCAGGAGGAGGAGGAG 18
RESULT 789
-10-314-578-1019
Sequence 1019, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09

PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1019
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1019
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1547 GCCTTCGGTCTTCGTCG 1563
Db 1 GCCTTCGATCTTCGTTG 17
RESULT 790
US-10-138-898-47
Sequence 47, Application US/10138898
Publication No. US20030212946A1
GENERAL INFORMATION:
APPLICANT: Wilson, Ron C.
APPLICANT: Craft, David L.
APPLICANT: Erich, Dudley
APPLICANT: Eskoo, Mark
APPLICANT: Madduri, Krishna M.
APPLICANT: Brenner, Cathy A.
APPLICANT: Cornett, Alfred A.
APPLICANT: Loper, John C.
APPLICANT: Gleeson, Martin
TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
TITLE OF INVENTION: P450 OXIDOREDUCTASE
TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
FILE REFERENCE: 1010-16
CURRENT APPLICATION NUMBER: US/10/138,898
CURRENT FILING DATE: 2002-05-03
PRIOR APPLICATION NUMBER: US/09/976,800
PRIOR FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 118
SOFTWARE: PatentIn version 3.1
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-138-898-47
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1010 AGAGGGGAGAGCTCAAG 1026
Db 2 AGAGGGGAGGCTCAAG 18
RESULT 791
US-10-159-942-66
Sequence 66, Application US/10159942
Publication No. US20030224512A1
GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-66

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 CCTGGATGACTGTGGGA 889
| | | | | | | | | | | | | | | | | |
Db 4 CGTGGATGACTGTGAGA 20

RESULT 792
US-10-159-942-122/c
; Sequence 122, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-122

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 CCTGGATGACTGTGGGA 889
| | | | | | | | | | | | | | | | | |
Db 17 CGTGGATGACTGTGAGA 1

RESULT 793
US-10-161-996-44
; Sequence 44, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-44

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGGAGAA 521
| | | | | | | | | | | | | | | | | |
Db 2 GAGGCTTCCTGCAGAA 18

RESULT 794
US-10-161-996-105/c
; Sequence 105, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-105

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1729 CACCTGCCCACTGTGCC 1745
| | | | | | | | | | | | | | | | | |
Db 17 CACCTGCACCCCTGTGCC 1

RESULT 795
US-10-161-996-112/c
; Sequence 112, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-112

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 240 TGGCGGCAGTGACCCCTG 256
| | | | | | | | | | | | | | | | | |
Db 20 TGGTGCAGTGACTCTG 4

RESULT 796
US-10-161-996-181/c
; Sequence 181, Application US/10161996

Tue Nov 2 13:39:14 2004

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Publication No. US20030224515A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
FILE REFERENCE: RTS-0395
CURRENT APPLICATION NUMBER: US/10/161,996
CURRENT FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 273
SEQ ID NO 181
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-161-996-181
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
505 GAGGCTACCTGGAGAA 521
|||||
19 GAGGCTTCCTGCAGAA 3
SULT 797
-10-161-996-229
Sequence 229, Application US/10161996
Publication No. US20030224515A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
FILE REFERENCE: RTS-0395
CURRENT APPLICATION NUMBER: US/10/161,996
CURRENT FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 273
SEQ ID NO 229
LENGTH: 20
TYPE: DNA
ORGANISM: M. musculus
FEATURE:
-10-161-996-229
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1729 CACCTGCCCACTGTGC 1745
|||||
4 CACCTGCACCTGTGC 20
SULT 798
-10-161-996-236
Sequence 236, Application US/10161996
Publication No. US20030224515A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
FILE REFERENCE: RTS-0395
CURRENT APPLICATION NUMBER: US/10/161,996
CURRENT FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 273
SEQ ID NO 236
LENGTH: 20
```

```
TYPE: DNA
ORGANISM: M. musculus
FEATURE:
US-10-161-996-236
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 240 TGGCGGCAGTGACCTG 256
|||||
DB 1 TGGTGGCAGTGACTCG 17
RESULT 799
US-10-160-787-74/c
Sequence 74, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-74
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1436 AGGATGCCCATGAACAT 1452
|||||
DB 20 AAGAGGCCATGAACAT 4
RESULT 800
US-10-160-787-80/c
Sequence 80, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 80
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-80
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1525 ATTCACTACAAAGGA 1541
|||||
DB 20 ATTCACTGCAAAAGGA 4
RESULT 801
US-10-160-787-136
Sequence 136, Application US/10160787
```


Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-136

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 ATTGAGTCTACAAAGGA 1541
||||| ||||| ||||| |||||
Db 1 ATTCAGTTGCAAAAGGA 17

RESULT 802
US-10-173-718-41/c
; Sequence 41, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hoag Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-41

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1564 ATGCCTGACTCAGGCAG 1580
||||| ||||| ||||| |||||
Ch 20 ATGCCTGGCTCAGGAAG 4

RESULT 803
US-10-178-258-15/c
; Sequence 15, Application US/10178258
; Publication No. US20030235913A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
; FILE REFERENCE: HTS-0010
; CURRENT APPLICATION NUMBER: US/10/178,258
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-178-258-15

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 861 CCTGAAGCAGTACCTGG 877
||||| ||||| ||||| |||||
Db 20 CCTGGAGCAGGACCTGG 4

RESULT 804
US-10-277-216-94
; Sequence 94, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-94

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CCATCTTTGACAAGCC 554
||||| ||||| ||||| |||||
Db 2 CCCTTCTGTGACAAGCC 18

RESULT 805
US-10-277-216-154/c
; Sequence 154, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-154

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;


```

; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-896-16

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 210 GCAGATAGGCGCTGGATG 226
      ||||| ||||| |||||
Db 1 GCAGATAGGCGCTGGATG 17

RESULT 811
US-10-177-896-51/c
; Sequence 51, Application US/10177896
; Publication No. US20040005705A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
; FILE REFERENCE: PTS-0045
; CURRENT APPLICATION NUMBER: US/10/177,896
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-896-51

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 210 GCAGATAGGCGCTGGATG 226
      ||||| ||||| |||||
Db 20 GCAGATAGGCGCTGGATG 4

RESULT 812
US-10-190-366-100
; Sequence 100, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-100

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 465 CAACAAGGCGCTATCAC 481
      ||||| ||||| |||||
Db 3 CAACAAGTCCCATCAC 19
```

```

RESULT 813
US-10-190-366-297/c
; Sequence 297, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 297
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-190-366-297

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 465 CAACAAGGCGCTATCAC 481
      ||||| ||||| |||||
Db 18 CAACAAGTCCCATCAC 2

RESULT 814
US-10-289-762-1337
; Sequence 1337, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1337
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1337

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1468 CTGGGGGCGCGGATCCA 1484
      ||||| ||||| |||||
Db 4 CTGGAGAGCGGATCCA 20

RESULT 815
US-10-199-199-48/c
; Sequence 48, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 48
; LENGTH: 20
```

```
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-199-199-48
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

760 TCCCTGCTCAAGGACCT 776
|||||
17 TCCAGGCGCAAGGACCT 1

SULT 816
-10-199-199-119
Sequence 119, Application US/10199199
Publication No. US20040014047A
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0375
CURRENT APPLICATION NUMBER: US/10/199,199
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 148
SEQ ID NO 119
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-199-199-119
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

760 TCCCTGCTCAAGGACCT 776
|||||
4 TCCAGGCGCAAGGACCT 20

SULT 817
-10-199-221-29
Sequence 29, Application US/10199221
Publication No. US20040014048A
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PTS-0009
CURRENT APPLICATION NUMBER: US/10/199,221
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 101
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-199-221-29
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

445 AAGATCTCCACTGAGGA 461
|||||
1 AAGATCTCCACTGGAA 17
```

```
RESULT 818
US-10-458-939-23
; Sequence 23, Application US/10458939
; Publication No. US20040018535A1
; GENERAL INFORMATION:
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Fogel, Gary B.
; APPLICANT: Porto, V. William
; APPLICANT: Griffey, Richard H.
; APPLICANT: Ecker, David J.
; TITLE OF INVENTION: Detection of RNA Structural Elements
; FILE REFERENCE: IBIS0005-100/IBIS-041805
; CURRENT APPLICATION NUMBER: US/10/458,939
; CURRENT FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: US 60/387,342
; PRIOR FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-458-939-23
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1223 TGGAGGAACAGCTACAC 1239
|||||
DB 2 TGGAGGAGCAGCTCCAC 18

RESULT 819
US-10-126-022-94
; Sequence 94, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-94
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CCCATCTTGACAGGCC 554
|||||
DB 2 CCCTTCTGTGACAGGCC 18

RESULT 820
US-10-126-022-154/C
; Sequence 154, Application US/10126022
; Publication No. US20040023215A1
```

```
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-154

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACAAGCC 554
DB 19 CCCTCTGTGACAAGCC 3

RESULT 821
US-10-642-802-173/c
; Sequence 173, Application US/10642802
; Publication No. US20040043956A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: RTS-0329
; CURRENT APPLICATION NUMBER: US/10/642,802
; CURRENT FILING DATE: 2003-08-18
; PRIOR APPLICATION NUMBER: US/10/001,076
; PRIOR FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 173
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-642-802-173

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 391 TCGATGAGGTGCAGTC 407
DB 20 TCAGATGAGGTGCAGGC 4

RESULT 822
US-10-333-429-555/c
; Sequence 555, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-083US02PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
```

```
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent.pm
; SEQ ID NO 555
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 9-24 for SEQ 533,
US-10-333-429-555

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1417 CGAAATCGGATCTCCGC 1433
DB 20 CGAAATAGGATCTCAGC 4

RESULT 823
US-10-467-019-35/c
; Sequence 35, Application US/10467019
; Publication No. US20040048314A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040048314A1el Physiological Active Peptide and Its Use
; FILE REFERENCE: P01-0295PCT
; CURRENT APPLICATION NUMBER: US/10/467,019
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: JP2001-026820
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer, RBV8-WR2 primer
US-10-467-019-35

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 862 CTGAAGCAGTACCTGGA 878
DB 19 CTGAAGCAGGAGCTGGA 3

RESULT 824
US-10-630-401-68
; Sequence 68, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

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-10-630-401-68
Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

977 GAGACCTCAGCCCGCAG 993
||||| |||||||
2 GAGACCCCGAGCCCGCTG 18

SULT 825
-10-168-273B-11/c
Sequence 11, Application US/10168273B
Publication No. US20040058324A1
GENERAL INFORMATION:
APPLICANT: Yano, Masahiro
APPLICANT: Yamanouchi, Utako
TITLE OF INVENTION: PLANT LESION FORMATION SUPPRESSING GENE, SP17 AND USE THEREOF
FILE REFERENCE: 23572-005 NATL
CURRENT APPLICATION NUMBER: US/10/168,273B
CURRENT FILING DATE: 2003-03-27
PRIOR APPLICATION NUMBER: PCT/JP01/09153
PRIOR FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: JP 2000-318557
PRIOR FILING DATE: 2000-10-18
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:an artificially
OTHER INFORMATION: synthesized primer sequence
-10-168-273B-11

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

379 TCAGCCACGCTCCTCGGA 395
||||| |||||||
20 TCAGCCACGCGCCACGGA 4

SULT 826
-10-287-971-318/c
Sequence 318, Application US/10287971
Publication No. US20040067882A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, et al
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-480A
CURRENT APPLICATION NUMBER: US/10/287,971
CURRENT FILING DATE: 2002-11-05
PRIOR APPLICATION NUMBER: 09/997,425
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: 10/035,568
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: 60/338,626
PRIOR FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: 60/401,479
PRIOR FILING DATE: 2002-08-06
PRIOR APPLICATION NUMBER: 60/333,072
PRIOR FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 60/348,283
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: 60/393,262
PRIOR FILING DATE: 2002-07-02
PRIOR APPLICATION NUMBER: 60/406,181
PRIOR FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 397

; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 318
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-971-318

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1240 TTCACTCTCCGTCATCTT 1256
      ||||| |||||||
DB      18 TTCACTCTCCGTCATTT 2

RESULT 827
US-10-280-183A-465
; Sequence 465, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PCI8306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 465
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-465

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      360 TCGGAGAGTGTACACGAG 376
      ||||| |||||||
DB      1 TCGGGACACTTACCAGG 17

RESULT 828
US-10-292-312-42
; Sequence 42, Application US/10292312
; Publication No. US20040092461A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 1B EXPRESSION
; FILE REFERENCE: RIS-0394
; CURRENT APPLICATION NUMBER: US/10/292,312
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 58
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-292-312-42

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 358 GATGGGAGAGTGACCA 374
Db 1 GATGGGACAGTGACCA 17

RESULT 829
US-10-362-504-67/c
; Sequence 67, Application US/10362504
; Publication No. US20040101956A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Novel G Protein Coupled Receptor Protein and Its Use
; FILE REFERENCE: 2775 USOP
; CURRENT APPLICATION NUMBER: US/10/362,504
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: PCT/JP01/07209
; PRIOR FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: JP 2000-253862
; PRIOR FILING DATE: 2000-08-24
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-362-504-67

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 862 CTGAAGCAGTACTGGGA 878
Db 19 CTGAAGCAGGAGCTGGA 3

RESULT 830
US-10-301-832-86/c
; Sequence 86, Application US/10301832
; Publication No. US20040102390A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NOTCH3 EXPRESSION
; FILE REFERENCE: RTS-0414
; CURRENT APPLICATION NUMBER: US/10/301,832
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 155
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-301-832-86

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 357 TGATGGGGAGAGTGACC 373
Db 17 TGATCGGGTGAGTGACC 1

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-688-706-158/c
; Sequence 158, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Brochat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-158

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 131 GGATGAAGAAGATCAAA 147
Db 17 GGATGAAGAAGTTCACA 1

RESULT 832
US-10-688-706-217/c
; Sequence 217, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Brochat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-217

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 131 GGATGAAGAAGATCAAA 147
Db 18 GGATGAAGAAGTTCACA 2

RESULT 833
US-10-317-271A-82/c
; Sequence 82, Application US/10317271A
; Publication No. US20040110156A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NRF EXPRESSION
```

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FILE REFERENCE: RTS-0456
CURRENT APPLICATION NUMBER: US/10/317,271A
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 160
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-317-271A-82

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1166 TGGGCTGCATCTTCTAT 1182
      |||||
20 TGGGCTGCAGCTTCCAT 4

SULT 834
-10-317-253-43/c
Sequence 43, Application US/10317253
Publication No. US20040110291A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF ADIPOPHILIN EXPRESSION
FILE REFERENCE: RTS-0049
CURRENT APPLICATION NUMBER: US/10/317,253
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 74
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-317-253-43

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

187 GACAGACCAAGTGTGC 203
      |||||
20 GACAGACCAAGGGGC 4

SULT 835
3-10-415-463-77
Sequence 77, Application US/10415463
Publication No. US20040110705A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
FILE REFERENCE: RTSP-0198
CURRENT APPLICATION NUMBER: US/10/415,463
CURRENT FILING DATE: 2003-11-13
PRIOR APPLICATION NUMBER: 09/702,251
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
S-10-415-463-77

Query Match          0.8%; Score 13.8; DB 1; Length 20;

FILE REFERENCE: RTS-0456
CURRENT APPLICATION NUMBER: US/10/317,271A
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 160
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-317-271A-82

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1571 ACTCAGGCGCCAGCT 1587
      |||||
4 ACTCTGGCAGGCGCATCT 20

Db

RESULT 836
US-10-317-500-120/c
; Sequence 120, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-500-120

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

599 TTGGGAAACTGGAGACC 615
      |||||
17 TTGGGAAACTGCAGACC 1

Db

RESULT 837
US-10-317-500-236
; Sequence 236, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 236
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-500-236

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

599 TTGGGAAACTGGAGACC 615
      |||||
4 TTGGGAAACTGCAGACC 20

Db

RESULT 838
US-10-317-803-106/c
; Sequence 106, Application US/10317803
; Publication No. US20040115640A1
; GENERAL INFORMATION:
; APPLICANT: Kathleen Myers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
```


FILE REFERENCE: RTS-0454
; CURRENT APPLICATION NUMBER: US/10/317,803
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-803-106

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 817 ACGGAGAGTCCCTCAG 833
Db 19 ACGGAGAGGCTCTCAG 3

RESULT 839
US-10-774-888-29
; Sequence 29, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PUS-0009
; CURRENT APPLICATION NUMBER: US/10/774,888
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/10/199,221
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-774-888-29

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 445 AAGATCTCCACTGAGGA 461
Db 1 AAGATCTCCACTGGAA 17

RESULT 840
US-10-671-395-977/c
; Sequence 977, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 977
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial

; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-977

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1435 GAGGATGCCATGAACA 1451
Db 19 GAGGATGCCCTGAGACA 3

RESULT 841
US-10-671-395-1120/c
; Sequence 1120, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1120

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1435 GAGGATGCCATGAACA 1451
Db 20 GAGGATGCCCTGAGACA 4

RESULT 842
US-10-181-174B-40/c
; Sequence 40, Application US/10181174B
; Publication No. US20040132674A1
; GENERAL INFORMATION:
; APPLICANT: RESKE-KUNZ, A.B.
; APPLICANT: ROSS, RALF
; APPLICANT: ROSS, RALF
; APPLICANT: BROS, MATTHIAS
; TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN
; TITLE OF INVENTION: DENDRITIC CELLS AND USBS THEREOF
; FILE REFERENCE: VOS-38
; CURRENT APPLICATION NUMBER: US/10/181,174B
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: P 100 01 169.1
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: P 100 10 188.7
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer

-10-181-174B-40

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

986 AGCCCCAGACCTGCTC 1002
|||||
17 AGCCCCAGACCCGCAC 1

SULT 843

-09-765-081-97/c
Sequence 97, Application US/09765081
Patent No. US20020037508A1
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825-2008-001
CURRENT APPLICATION NUMBER: US/09/765,081
CURRENT FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: US 60/176,861
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 461
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 97
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens

-09-765-081-97

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 6.9e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

767 TCAGAGCCTCAACACGC 785
|||||
21 TCAAGATGTAAACACGC 3

SULT 844

-09-859-053-9
Sequence 9, Application US/09859053
Patent No. US20020102658A1
GENERAL INFORMATION:
APPLICANT: Tsuji, Takashi
APPLICANT: Tezuka, Katsumari
APPLICANT: Hori, No. US20020102658A1uaki
TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODY AGAINST A
TITLE OF INVENTION: COSTIMULATORY SIGNAL TRANSDUCTION MOLECULE AILIM AND
TITLE OF INVENTION: PHARMACEUTICAL USE THEREOF

FILE REFERENCE: 06501-079001
CURRENT APPLICATION NUMBER: US/09/859,053
CURRENT FILING DATE: 2001-05-16
PRIOR APPLICATION NUMBER: JP 2001-99508
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: JP 2000-147116
PRIOR FILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 43
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificially synthesized primer sequence, 136H
NAME/KEY: primer_bind
LOCATION: (1)...(21)
S-09-859-053-9

Query Match 0.8%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 849 CCTGGACAAGGACCTGA 865
|||||
DB 1 CCTGGACAAGGGCTTGA 17

RESULT 845

US-09-995-686-1
; Sequence 1, Application US/09995686
; Patent No. US20020110826A1
; GENERAL INFORMATION:
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: Nucleic Acid Hairpin Probes and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 475412000400
; CURRENT APPLICATION NUMBER: US/09/995,686
; CURRENT FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US/09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Hairpin probe
US-09-995-686-1

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTCC 1693
|||||
DB 4 CCGTAACTACATCTTCC 20

RESULT 846

US-09-823-634A-1
; Sequence 1, Application US/09823634A
; Patent No. US20020142308A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; TITLE OF INVENTION: MISMATCHES USING RNASE H
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-823-634A-1

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTCC 1693
|||||
DB 4 CCGTAACTACATCTTCC 20

RESULT 847

US-09-823-647B-1

```
; Sequence 1, Application US/09823647B
; Patent No. US20020142309A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/09/823,647B
; PRIOR FILING DATE: 2002-05-07
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; US-09-823-647B-1

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q? 1677 CCCCAACTACATCTTCC 1693
D? 4 CCGTAACATACATCTTCC 20

RESULT 848
US-09-961-848-3/c
; Sequence 3, Application US/09961848
; Patent No. US20020146719A1
; GENERAL INFORMATION:
; APPLICANT: Berglind Ran Olafsdottir
; APPLICANT: Jeffrey Gulcher
; TITLE OF INVENTION: HUMAN NARCOLEPSY GENE
; FILE REFERENCE: 2345.1005-004
; CURRENT APPLICATION NUMBER: US/09/961,848
; PRIOR FILING DATE: 2001-09-24
; PRIOR FILING DATE: 2000-01-07
; PRIOR FILING DATE: 1999-08-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: nucleic acid primers based on human mRNA sequence
; US-09-961-848-3

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q? 1480 ATCCACAACTTCTCTGA 1496
D? 17 AGCTCAAACTTCTCTGA 1

RESULT 849
US-09-764-413-10/c
; Sequence 10, Application US/09764413
; Publication No. US20020187930A1
; GENERAL INFORMATION:
; APPLICANT: Wells, Timothy N.C.
; APPLICANT: Power, Christine A.
; TITLE OF INVENTION: A CHEMOKINE RECEPTOR ABLE TO BIND TO

; Sequence 1, Application US/09823647B
; Patent No. US20020142309A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/09/823,647B
; PRIOR FILING DATE: 2002-05-07
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; US-09-823-647B-1

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q? 1677 CCCCAACTACATCTTCC 1693
D? 4 CCGTAACATACATCTTCC 20

RESULT 850
US-09-771-357-31/c
; Sequence 31, Application US/09771357
; Publication No. US20030017454A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUDHAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, William
; APPLICANT: DAVIDSON, Nancy
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630
; CURRENT APPLICATION NUMBER: US/09/771,357
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Alpha -33P-labeled primer (Antisense)

; MCP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NO. US20020187930A1th Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4741
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/764,413
; FILING DATE: 19-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/875,573
; FILING DATE: <Unknown>
; APPLICATION NUMBER: GB 9501683.8
; FILING DATE: 27-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mary J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1430-172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; ANTI-SENSE: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-764-413-10

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q? 754 GAAGTGTCCTGCTCAA 770
D? 19 GATGTGTACCTGCTCAA 3
```

-09-771-357-31

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

843 TGAGTACCTGGACAGG 859
|||||
19 TGAGTACGGGAGAGG 3

SULT 851

-10-120-394-10/c
Sequence 10, Application US/10120394

Publication No. US20020160015A1

GENERAL INFORMATION:

APPLICANT: Wells, Timothy N.C.
Power, Christine A.

TITLE OF INVENTION: CHEMOKINE RECEPTOR ABLE TO BIND TO

MCP-1, MIP-1 ALPHA AND/OR RANTES AND ITS USES

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHYE P.C.

STREET: 1100 NO. US20020160015A1th Glebe Rd. 8th Floor

CITY: Arlington

STATE: VA

COUNTRY: USA

ZIP: 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: MS Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/120,394

FILING DATE: 12-Apr-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/614,256

FILING DATE: 12-JUL-2000

APPLICATION NUMBER: US 08/875,573

FILING DATE: 31-OCT-1997

APPLICATION NUMBER: PCT/GB96/00143

FILING DATE: 24-JAN-1996

APPLICATION NUMBER: GB 9501683.8

FILING DATE: 27-JAN-1995

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "primer"

ANTI-SENSE: YES

SEQUENCE DESCRIPTION: SEQ ID NO: 10:

-10-120-394-10

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

754 GAAGTGTCCTGCTCAA 770
|||||
19 GATGTGTACCTGCTCAA 3

SULT 852

-10-079-136-15

Sequence 15, Application US/10079136

Publication No. US20020172685A1

GENERAL INFORMATION:

APPLICANT: Stewart, Graham

APPLICANT: O'Gaora, Peadar
APPLICANT: Young, Douglas
TITLE OF INVENTION: Methods and Compositions for Therapeutic Intervention in Infection
TITLE OF INVENTION: Disease
FILE REFERENCE: 19626-0211 (45454-270653)
CURRENT APPLICATION NUMBER: US/10/079,136
CURRENT FILING DATE: 2002-06-04
PRIOR APPLICATION NUMBER: US 60/269,801
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: US 60/294,170
PRIOR FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic primer
US-10-079-136-15

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTGACT 1036
|||||
DB 3 GGTCAAGCTGGCGGACT 19

RESULT 853

US-10-238-244-1

Sequence 1, Application US/10238244

Publication No. US20030082607A1

GENERAL INFORMATION:

APPLICANT: Dattagupta, Nanibhushan

TITLE OF INVENTION: Nucleic Acid Hairpin Probes and Uses

TITLE OF INVENTION: Thereof

FILE REFERENCE: 475412000400

CURRENT APPLICATION NUMBER: US/10/238,244

CURRENT FILING DATE: 2002-09-09

PRIOR APPLICATION NUMBER: US/09/995,686

PRIOR FILING DATE: 2001-11-29

PRIOR APPLICATION NUMBER: US/09/616,761

PRIOR FILING DATE: 2000-07-14

NUMBER OF SEQ ID NOS: 7

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Hairpin probe

US-10-238-244-1

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTCC 1693
|||||
DB 4 CCGTAACATACATCTTCC 20

RESULT 854

US-10-005-956-785/c

Sequence 785, Application US/10005956

Publication No. US20030113726A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 785
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-785

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTCTGTTCCAGC 931
|||||
Db 19 ACTGTTCTCTGTTCCAGC 3

RESULT 855

US-10-005-956-786/c
; Sequence 786, Application US/10005956
; Publication No. US20030113726A1

; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 786
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-786

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTCTGTTCCAGC 931
|||||
Db 19 ACTGTTCTCTGTTCCAGC 3

RESULT 856

US-10-005-956-1026/c
; Sequence 1026, Application US/10005956
; Publication No. US20030113726A1

; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02

; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1026
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1026

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTCTGTTCCAGC 931
|||||
Db 19 ACTGTTCTCTGTTCCAGC 3

RESULT 857

US-10-059-579-31/c
; Sequence 31, Application US/10059579
; Publication No. US20030138783A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUKUMAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, William C.
; APPLICANT: DAVIDSON, Nancy Jo.
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630-1
; CURRENT APPLICATION NUMBER: US/10/059,579
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US 09/771,357
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Alpha -33P-labeled primer (Antisense)
US-10-059-579-31

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGAGTACCTGGACAAGG 859
|||||
Db 19 TGAGTACCTGGACAAGG 3

RESULT 858

US-10-184-085A-225/c
; Sequence 225, Application US/10184085A
; Publication No. US20030152950A1

; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 225
; LENGTH: 21
; TYPE: DNA

ORGANISM: Homo sapiens
-10-184-085A-225

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

226 GAGAGTGGTGGTGG 242
|||||
21 GGGAGAGTGGTGGTGG 5

SULT 859
-10-189-956-18
Sequence 18, Application US/10189956
Publication No. US20030152951A1
GENERAL INFORMATION:
APPLICANT: Mirel, Daniel B
APPLICANT: Erlich, Henry A
APPLICANT: Bugawan, Teodorica L
APPLICANT: No. US20030152951A11e, Janelle A
APPLICANT: Valdes, Ana M
TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1
FILE REFERENCE: 1803-295-999
CURRENT APPLICATION NUMBER: US/10/189,956
CURRENT FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 62
SOFTWARE: PatentIn version 3.1
SEQ ID NO 18
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe used to identify IL4R
OTHER INFORMATION: polymorphisms
-10-189-956-18

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1175 TCTTCTATGAGATGCC 1191
|||||
2 TCTTCTCTGAGATGCC 18

SULT 860
-10-189-956-45
Sequence 45, Application US/10189956
Publication No. US20030152951A1
GENERAL INFORMATION:
APPLICANT: Mirel, Daniel B
APPLICANT: Erlich, Henry A
APPLICANT: Bugawan, Teodorica L
APPLICANT: No. US20030152951A11e, Janelle A
APPLICANT: Valdes, Ana M
TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1
FILE REFERENCE: 1803-295-999
CURRENT APPLICATION NUMBER: US/10/189,956
CURRENT FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 62
SOFTWARE: PatentIn version 3.1
SEQ ID NO 45
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: hybridization probe
-10-189-956-45

Query Match 0.8%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1175 TCTTCTATGAGATGCC 1191
|||||
DB 2 TCTTCTCTGAGATGCC 18

RESULT 861
US-10-367-470-1
; Sequence 1, Application US/10367470
; Publication No. US20030165963A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/10/367,470
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US/09/823,647B
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-367-470-1

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCACTACATCTTCC 1693
|||||
DB 4 CCGTAACATACATCTCC 20

RESULT 862
US-10-059-273-22
; Sequence 22, Application US/10059273
; Publication No. US20030170736A1
; GENERAL INFORMATION:
; APPLICANT: Agoston, Denes V.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR PRODUCING
; TITLE OF INVENTION: NEURAL PROGENITOR CELLS
; FILE REFERENCE: 268422000100
; CURRENT APPLICATION NUMBER: US/10/059,273
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 60/265,113
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Rat
US-10-059-273-22

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1719 GAGCCATGTCACCTGC 1735
|||||
DB 1 GAGTCTGTTCACTGC 17

```
RESULT 863
US-10-377-133-30/c
; Sequence 30, Application US/10377133
; Publication No. US20030219795A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS, INC.
; TITLE OF INVENTION: SCDS AS MODIFIERS OF THE p53 PATHWAY AND METHODS OF USE
; FILE REFERENCE: EX03-015C
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US/10/377,133
; PRIOR FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: Oligonucleotide
; FEATURE: misc feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: YY is deoxyribonucleotide dtdr
US-10-377-133-30

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 6.9e+02;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1637 GGCAGCGGCTGGAGGATGCC 1657
      :||| ||||| |||||
Db 21 RRCATCGTCTGGAGGAATGTC 1

RESULT 864
US-10-349-143-10380
; Sequence 10380, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10380
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11535 for SEQ 2515, in complem
US-10-349-143-10380

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1445 TGAACATCATCTCTTC 1461
      ||||| ||||| |||||
Db 5 TGAACATCATCTCTCC 21
```

```
RESULT 865
US-10-349-143-11492
; Sequence 11492, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11492
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-8000 for SEQ 3627, in complemer
US-10-349-143-11492

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 364 GAGAGTGACGAGGCTTC 380
      ||||| ||||| |||||
Db 2 GAGAGTTACTAGGCTTC 18

RESULT 866
US-10-452-510-171/c
; Sequence 171, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-171

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
```

Hatches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

375 GGCTTCAGCCAGCTCCT 391
|||||
17 GGCTTCAGCCAGCTCCT 1

SULT 867
-10-617-334-171/c
Sequence 171, Application US/10617334
Publication No. US2004005869A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-91
CURRENT APPLICATION NUMBER: US/10/617,334
CURRENT FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 171
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-617-334-171

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

375 GGCTTCAGCCAGCTCCT 391
|||||
17 GGCTTCAGCCAGCTCCT 1

SULT 868
-10-606-592-21/c
Sequence 21, Application US/10606592
Publication No. US20040110924A1
GENERAL INFORMATION:
APPLICANT: PASTERNAK, GAVRIL
APPLICANT: PAN, YING-XIAN
TITLE OF INVENTION: IDENTIFICATION AND CHARACTERIZATION OF MULTIPLE SPLICE
TITLE OF INVENTION: VARIANTS OF THE KAPPA3-RELATED OPIOID RECEPTOR
TITLE OF INVENTION: (KOR-3) GENE
FILE REFERENCE: 830002-2001.2
CURRENT APPLICATION NUMBER: US/10/606,592
CURRENT FILING DATE: 2003-06-26
PRIOR APPLICATION NUMBER: 09/743,871
PRIOR FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: PCT/US99/15977
PRIOR FILING DATE: 1999-07-15
PRIOR APPLICATION NUMBER: 60/093,002
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 21
TYPE: DNA
ORGANISM: Mus musculus
-10-606-592-21

Query Match 0.8%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 681 CACAGACACCTTCTGG 697
|||||
Db 18 CACAGACATCCTTCTGG 2

RESULT 869
US-10-606-592-25/c
Sequence 25, Application US/10606592
Publication No. US20040110924A1
GENERAL INFORMATION:
APPLICANT: PASTERNAK, GAVRIL
APPLICANT: PAN, YING-XIAN
TITLE OF INVENTION: IDENTIFICATION AND CHARACTERIZATION OF MULTIPLE SPLICE
TITLE OF INVENTION: VARIANTS OF THE KAPPA3-RELATED OPIOID RECEPTOR
TITLE OF INVENTION: (KOR-3) GENE
FILE REFERENCE: 830002-2001.2
CURRENT APPLICATION NUMBER: US/10/606,592
CURRENT FILING DATE: 2003-06-26
PRIOR APPLICATION NUMBER: 09/743,871
PRIOR FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: PCT/US99/15977
PRIOR FILING DATE: 1999-07-15
PRIOR APPLICATION NUMBER: 60/093,002
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 25
LENGTH: 21
TYPE: DNA
ORGANISM: Mus musculus
US-10-606-592-25

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 681 CACAGACACCTTCTGG 697
|||||
Db 18 CACAGACATCCTTCTGG 2

RESULT 870
US-10-745-377-203/c
Sequence 203, Application US/10745377
Publication No. US20040137423A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Pinstone, Simon
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Clee, Susanne M.
TITLE OF INVENTION: Compositions and Methods for Modulating
TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
FILE REFERENCE: 760050-109
CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 09/654,323
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: US 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: US 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: US 60/151,977
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: US 60/213,958
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256

PRIOR FILING DATE: 2003-07-10
 PRIOR APPLICATION NUMBER: 09/526,193
 PRIOR FILING DATE: 2000-03-15
 PRIOR APPLICATION NUMBER: 60/124,702
 PRIOR FILING DATE: 1999-03-15
 PRIOR APPLICATION NUMBER: 60/138,048
 PRIOR FILING DATE: 1999-06-08
 PRIOR APPLICATION NUMBER: 60/139,600
 PRIOR FILING DATE: 1999-06-17
 PRIOR APPLICATION NUMBER: 60/151,977
 PRIOR FILING DATE: 1999-09-01
 NUMBER OF SEQ ID NOS: 287
 SOFTWARE: Patentin 3.0
 SEQ ID NO 171
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Homo sapiens
 -10-833-679-171

```

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Test Local Similarity 88.2%; Pred. No. 6.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

375 GCCTTCAGCCAGCTCT 391
      |||||
17 GCCTTCAGCCAGCTCT 1

```

```

3UL1 875
110-786-720-1659/c
Sequence 1659, Application US/10786720
Publication No. US200401918A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF DISEASES
FILE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM1013)
CURRENT APPLICATION NUMBER: US/10786720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1659
LENGTH: 21
TYPE: RNA
ORGANISM: RNAI-antisense strand
110-786-720-1659

```

```
Query Match          0.8%;   Score 13.8;   DB 1;   Length 21;
Best local Similarity 88.2%;   Pred. NO. 6.9e+02;
Matches 15;   Conservative 0;   Mismatches 2;   Indels 0;   Gaps 0;

      856 AAGGACCTGAAGCAGTA 872
          ||||| ||||| |||||
      21 AAGGACCTTTAAGCAGTA 5
```

ULT 876
 10-786-720-11737
 sequence 11737, Application US/10786720
 Publication No. US20040191618A1
 GENERAL INFORMATION:
 APPLICANT: Wyeth
 APPLICANT: O'toole, Margot
 APPLICANT: Liu, Wei
 TITLE OF INVENTION: COMPOSITIONS AND METHODS
 TITLE OF INVENTION: COMPOSITIONS
 FILE REFERENCE: 031896-023000 (AM101333)
 CURRENT APPLICATION NUMBER: US/10786,
 CURRENT FILING DATE: 2004-02-26
 NUMBER OF SEQ ID NOS: 21135
 SOFTWARE: Patent in version 3.2

```

; SEQ ID NO 11737
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11737

```

```

Query Match      0.8%;      Score 13.8; DB 1; Length 21;
Best Local Similarity 88.4%;      Fred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      854  ACAAGGACCTGAGCAG 870
Db      2    AGAAGGACCTGAAGAAG 18

```

RESULT 877
 US-10-786-720-11739/c
 ; Sequence 11739, Application US/10786720
 ; Publication No. US20040191818A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wyeth
 ; APPLICANT: O'Toole, Margot
 ; APPLICANT: Lib, Wei
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
 ; TITLE OF INVENTION: DISEASES
 ; FILE REFERENCE: 031896-023000 (AM101331L)
 ; CURRENT APPLICATION NUMBER: US/10/786,720
 ; CURRENT FILING DATE: 2004-02-26
 ; NUMBER OF SEQ ID NOS: 21135
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 11739
 ; LENGTH: 21
 ; TYPE: RNA
 ; ORGANISM: RNai-antisense strand
 ; US-10-786-720-11739

```
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 854 ACAAGGACCTGAAGCAG 870
| | | | | | | | | |
Db 20 AGAAGGACCTGAAGAAG 4

```

RESULT 878
US-10-786-720-12389
; Sequence 12389, Application US/10786720
; Publication No. US200401918A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12389
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl-sense strand
US-10-786-720-12389

```

```

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 6.9e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      854 ACAAGGACCTGAGCAG 870
      | | | | | | | | | |
Db       1 AGAAGGACCGAAGAAG 17

```

```
RESULT 879
US-10-786-720-12390/c
; Sequence 12390, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12390
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-12390
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      854 ACAAGGACCTGAAGCAG 870
       | | | | | | | | | | | | | |
OR      19 AGAAGACCTGAAGAAG 3

RESULT 880
US-10-786-720-13400/c
; Sequence 13400, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13400
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13400
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      491 ACATCCGGCTGCTGAG 507
       | | | | | | | | | | | | | |
DE      20 ACCTCCAGCTGCCTGAG 4

RESULT 881
US-10-786-720-13684/c
; Sequence 13684, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
```

```
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13684
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13684
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      375 GGCTTCAGCCAGCTCCT 391
       | | | | | | | | | | | | | |
DB      20 GGCTTTAGCCACATCCT 4

RESULT 882
US-10-786-720-13685/c
; Sequence 13685, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13685
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13685
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      375 GGCTTCAGCCAGCTCCT 391
       | | | | | | | | | | | | | |
DB      18 GGCTTTAGCCACATCCT 2

RESULT 883
US-10-786-720-13686
; Sequence 13686, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13686
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13686
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 6.9e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
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375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
2 GGCUUUAGCCACAUCU 18

SULT 884
-10-786-720-13936/c
Sequence 13936, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13936

LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-786-720-13936

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
18 GGCUTTAGCCACATCCT 2

SULT 885
-10-786-720-13938
Sequence 13938, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13938

LENGTH: 21
TYPE: RNA
ORGANISM: RNai-antisense strand
-10-786-720-13938

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 6.9e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
4 GGCUUUAGCCACAUCU 20

SULT 886
-10-786-720-14266/c
Sequence 14266, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 14266

LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-14266

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
Db 21 GGCUTTAGCCACATCCT 5

RESULT 887
US-10-786-720-14268
Sequence 14268, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 14268

LENGTH: 21
TYPE: RNA
ORGANISM: RNai-antisense strand
US-10-786-720-14268

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 6.9e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
Db 1 GGCUUUAGCCACAUCU 17

RESULT 888
US-10-786-720-19649/c
Sequence 19649, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 19649

LENGTH: 21
TYPE: RNA
ORGANISM: RNai-sense strand
US-10-786-720-19649

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Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

>> 1447 AAACATCCATTCTTCT 1463
||||| ||||| ||||| |||||
>> 20 AAACATGCATTCTTCT 4

RESULT 899
US-09-802-669-39
Sequence 39, Application US/09802669
Patent No. US2002000490A1
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Wyatt, Jacqueline
APPLICANT: Zhang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-545
CURRENT APPLICATION NUMBER: US/09/802,669
CURRENT FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: US/09/665,615
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US/09/290,640
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-802-669-39

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

>> 1659 CACCCTCAGGGGAGGCC 1678
||||| ||||| ||||| |||||
>> 1 CCCTCTCAGATGGCAGCCC 20

RESULT 890
US-09-923-517-20/c
Sequence 20, Application US/09923517
Publication No. US20020039741A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517
FILING DATE: 07-Aug-2001
CLASSIFICATION: <Unknown>
```

```
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-923-517-20

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

>> 725 AAGAGGGGCGACCTGCACC 744
||||| ||||| ||||| |||||
>> 20 AAGGGGAGGCGACCGCACC 1

RESULT 891
US-09-854-883-275/c
Sequence 275, Application US/09854883
Patent No. US20020055479A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: ISPH-0576
CURRENT APPLICATION NUMBER: US/09/854,883
CURRENT FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US/09/629,644
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US/09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 389
SEQ ID NO 275
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-854-883-275

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

>> 727 GAGGGGCGACCTGCACC 746
||||| ||||| ||||| |||||
>> 20 GAGGTGTACCTGCAGAGC 1

RESULT 892
US-09-870-956-33/c
Sequence 33, Application US/09870956
Patent No. US2002012769A1
GENERAL INFORMATION:
APPLICANT: Knipp, Gregory T.
APPLICANT: Herrera-Ruiz, Dea
```

APPLICANT: Rutgers, The State University of New Jersey
TITLE OF INVENTION: No. US20020127669A1el Compositions for the Expression of the Human
FILE REFERENCE: Histidine Transporter 1 and Methods of Use Thereof
CURRENT APPLICATION NUMBER: US/09/870,956

PRIOR FILING DATE: 2001-05-31

PRIOR APPLICATION NUMBER: 60/208,061

NUMBER OF SEQ ID NOS: 56

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 33

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

-09-870-956-33

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

551 AGCCCTCAGCGCGCGCTC 570

|||||

20 AACGCCCCAGCGCGCGCGC 1

|||||

551 AGCCCTCAGCGCGCGCTC 570

|||||

20 AACGCCCCAGCGCGCGCGC 1

|||||

HULT 893

-09-949-093-3/c

Sequence 3, Application US/09949093

Patent No. US20020142960A1

GENERAL INFORMATION:

APPLICANT: PHOGEN LIMITED

APPLICANT: O'Hare, Peter Francis Joseph

APPLICANT: Brewis, Neil Douglas

APPLICANT: No. US20020142960A1mand, Nadia Michelle

APPLICANT: Sunassee, Kavitha Regna

TITLE OF INVENTION: DELIVERY OF SUBSTANCES TO CELLS

FILE REFERENCE: 5759-61121

CURRENT APPLICATION NUMBER: US/09/949,093

CURRENT FILING DATE: 2002-06-24

PRIOR APPLICATION NUMBER: GB 0022101.0

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 5

SOFTWARE: PatentIn version 3.1

SEQ ID NO 3

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer

-09-949-093-3

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

226 GAGAGTGGTGGTGGTGGCGG 245

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

226 GAGAGTGGTGGTGGTGGCGG 245

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

HULT 894

-09-860-784-21/c

Sequence 21, Application US/09860784

Patent No. US20020151512A1

GENERAL INFORMATION:

APPLICANT: PEYMAN, Anuschirwan

UHLMANN, Eugen

TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES

NUMBER OF SEQUENCES: 105

CORRESPONDENCE ADDRESS:

ADDRESSER: Foley & Lardner

STREET: 3000 K Street, N.W., Suite 500

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/860,784

FILING DATE: 21-May-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/594,452

FILING DATE: 04-APR-1996

ATTORNEY/AGENT INFORMATION:

NAME: SANDERCOCK, Colin G.

REGISTRATION NUMBER: 31,298

REFERENCE/DOCKET NUMBER: 18748/264/HOCE

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)672-5300

TELEFAX: (202)672-5399

TELEX: 904136

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 21:

US-09-860-784-21

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

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20 GAGAGGGGAAGTGGTGGGG 1

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

20 GAGAGGGGAAGTGGTGGGG 1

|||||

20 GAGAGGGGAAGTGGTGGGG 1

RESULT 896
US-09-747-772-4/c
; Sequence 4, Application US/09747772
; Patent No. US20020155988A1
; GENERAL INFORMATION:
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: No. US20020155988A1mand, Nadia Michelle
; APPLICANT: Brewis, Neil Douglas
; APPLICANT: Phelan, Anne
; TITLE OF INVENTION: Uses of Transport Proteins
; FILE REFERENCE: 5759-56969
; CURRENT APPLICATION NUMBER: US/09/747,772
; CURRENT FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-747-772-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 897
US-09-779-050A-33/c
; Sequence 33, Application US/09779050A
; Patent No. US20020160416A1
; GENERAL INFORMATION:
; APPLICANT: BOYLE, WILLIAM
; APPLICANT: HSU, HAILIANG
; TITLE OF INVENTION: RECEPTOR FROM TNF FAMILY
; FILE REFERENCE: A-570H
; CURRENT APPLICATION NUMBER: US/09/779,050A
; CURRENT FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/181,800
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-779-050A-33

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 916 CTGTTCTCTTCACAGCTGCT 935
Db 20 CTGTTCTCTGTGGCGCGCT 1

RESULT 898
US-09-976-736-22
; Sequence 22, Application US/09976736
; Patent No. US20020161178A1
; GENERAL INFORMATION:
; APPLICANT: Bass, Michael B
; APPLICANT: Sullivan, John K
; APPLICANT: Theilli, Lars E
; APPLICANT: Wang, Daguang
; TITLE OF INVENTION: NOVEL DKR POLYPEPTIDES
; FILE REFERENCE: A-548
; CURRENT APPLICATION NUMBER: US/09/976,736
; CURRENT FILING DATE: 2001-10-09

; PRIOR APPLICATION NUMBER: US/09/161,241
; PRIOR FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide primer
US-09-976-736-22

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1633 AGCAGGCAGCGCTGGAGGG 1652
Db 1 AACATGCAGCGGCTCGGGG 20

RESULT 899
US-09-872-462-470/c
; Sequence 470, Application US/09872462
; Patent No. US20020169295A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Corrigan, Amy
; TITLE OF INVENTION: HUMAN NEDD1
; FILE REFERENCE: AEOMICA-9
; CURRENT APPLICATION NUMBER: US/09/872,462
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 470
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: GAPDH amplification control forward primer
US-09-872-462-470

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 621 TAAGCTGCACAACTGGGCG 640
Db 20 TGAGCTTGACAAAGTGGTGC 1

SULT 900
-09-835-371-42/c
Sequence 42, Application US/09835371
Publication No. US20020187473A1
GENERAL INFORMATION:
APPLICANT: UHLMANN, Eugen
APPLICANT: BREIPOHL, Gerhard
APPLICANT: WILL, David W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND
TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
FILE REFERENCE: 02481.1743 SEQUENCE LISTING
CURRENT APPLICATION NUMBER: US/09/835,371
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: base sequence
OTHER INFORMATION: of PNA targeting CMV
-09-835-371-42

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
226 GAGAGTGTGTGGTGGCGG 245
||||| ||| ||||| |||
20 GAGAGGGGAAGTGTGGGGG 1

SULT 901
-09-898-361-103
Sequence 103, Application US/09898361
Publication No. US20030008732A1
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-898-361-103

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
108 GCCCGCCGCGATCGCATGG 127
||||| ||| ||| |||
1 GCCCGCGTCGCTCGTCATAG 20

SULT 902
-09-835-370-42/c
Sequence 42, Application US/09835370
Publication No. US20030022172A1
GENERAL INFORMATION:
APPLICANT: UHLMANN, EUGEN
APPLICANT: BREIPOHL, GERHARD
APPLICANT: WILL, DAVID W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND

; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-42

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGTGTGGTGGCGG 245
||||| ||| ||||| |||
DB 20 GAGAGGGGAAGTGTGGGGG 1

RESULT 903
US-09-969-037-5
; Sequence 5, Application US/09969037
; Publication No. US20030022247A1
; GENERAL INFORMATION:
; APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
; TITLE OF INVENTION: Substance which inhibits biding of information transfer molecule
; TITLE OF INVENTION: for 1175-tyrosine phosphorylated KDR/Flk-1 and usages of the sam
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/969,037
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: JP 2000-303694
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US 60/263,512
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: a primer for replacing of human KDR/Flk-1 tyrosine residue at
; OTHER INFORMATION: position 801 to phenylalanine.
US-09-969-037-5

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1281 GCCAGGATCTCTGTCCAACG 1300
||||| ||| ||||| |||
DB 1 GACAGGCTCTTGTCATCG 20

RESULT 904
US-09-888-326-410/c
; Sequence 410, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346


```

: PRIOR FILING DATE: 2000-06-22
:
: NUMBER OF SEQ ID NOS: 848
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 410
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide
:
: NAME/KEY: misc_feature
: LOCATION: (0)...(0)
: OTHER INFORMATION: phosphodiester backbone
: US-09-888-326-410

```

```
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4 Indels
```

555 CCTCAGCCGCCGCTCCGTC 574
 20 CCGCCGCCGCCGCGCGCC 1

RESULT 905

```

US-09-932-300-36/c
: Sequence 36, Application US/09932300
: Publication No. US20030032788A1
: GENERAL INFORMATION:
: APPLICANT: GARVER, Eric
: APPLICANT: TU, Guang-Chou
: APPLICANT: ISRAELI, Yedy
: TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
: FILE REFERENCE: 9855-3U2
: CURRENT APPLICATION NUMBER: US/09/932,300
: CURRENT FILING DATE: 2001-08-20
: PRIOR APPLICATION NUMBER: US 60/051,705
: PRIOR FILING DATE: 1997-07-03
: PRIOR APPLICATION NUMBER: US 09/109,663
: PRIOR FILING DATE: 1998-07-02
: NUMBER OF SEQ ID NOS: 111
: SOFTWARE: PatentIn ver. 2.1
: SEQ ID NO 36
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Known
: OTHER INFORMATION: effective ASO
: US-09-932-300-36

```

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16: Conservative 0: Mismatches 4: Indels

QY 226 GAGAGTGGTGGTGGCGG 245
|||||
DQ 20 GAGAGGGGAAGTGGTGGCGG 1

RESULT 906

US-909-949-427-330/c
Sequence 330, Application US/09949427
Publication No. US20030054418A1
GENERAL INFORMATION:
APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Aurobindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusia, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Tatur, Sherrie
APPLICANT: Wu, Chenyan

```

; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
; FILE REFERENCE: 02810.0014.NPUSG2
; CURRENT APPLICATION NUMBER: US/09/949,427
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 330
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-427-330

```

Query Match	0.8%	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 7.1e+02;		
Matches 16: Conservative	0: Mismatches	4: Indels		

Qy 16 GGATGGACAGGAATGCAGAG 35
|||||
Db 20 GGATGGAGAGGCATCCTGAG 1

RESULT 907

```

US-09-949-428-330/c
; Sequence 330, Application US/09949428
; Publication No. US20030064372A1
;
; GENERAL INFORMATION:
;
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lasis, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chienyan
;
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
;
; FILE REFERENCE: 02810.0014.NPUS01
;
; CURRENT APPLICATION NUMBER: US/09/949,428
;
; CURRENT FILING DATE: 2001-09-07
;
; PRIOR APPLICATION NUMBER: 60/231,322
;
; PRIOR FILING DATE: 2000-09-08
;
; NUMBER OF SEQ ID NOS: 405
;
; SOFTWARE: PatentIn version 3.1
;
; SEQ ID NO 330
;
; LENGTH: 20
;
; TYPE: DNA
;
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Synthetic Primer
;
US-09-949-428-330

```

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16: Conservative 0: Mismatches 4 Indels

QY 16 GGATGGACAGGAATGCAGAG 35
|||||
Db 20 GGATGGACAGGCATCCTGAG 1

RESULT 908

```

US-09-861-925-68
; Sequence 68, Application US/09861925
; Publication No. US20030064426A1
; GENERAL INFORMATION:
; APPLICANT: Roninson, Igor
; APPLICANT: Chang, Bey-dih
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF
; TITLE OF INVENTION: REGULATED BY CDK INHIBITORS

```

```
FILE REFERENCE: 99,216-F
CURRENT APPLICATION NUMBER: US/09/861,925
CURRENT FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: US 60/
PRIOR FILING DATE: 2001-02-01
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn version 3.0
SEQ ID NO 68
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Analytical sense primer for MAC2-BP
-09-861-925-68

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

48 ACCAGCAGTGTGACTGCTGA 67
|||||
1 ACCATGAGTGGATGCTGA 20

SULT 909
-09-888-361-103
Sequence 103, Application US/09888361
Publication No. US20030064944A1
GENERAL INFORMATION:
APPLICANT: Susan Murray
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/888,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-888-361-103

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

108 GCCCCCGCGCATCGCATGG 127
|||||
1 GCCCCCGCGCTCGTCATAG 20

SULT 910
-09-972-469-195/c
Sequence 195, Application US/09972469
Publication No. US20030073085A1
GENERAL INFORMATION:
APPLICANT: Zhou, Daixing
TITLE OF INVENTION: AMPLIFYING EXPRESSED SEQUENCES FROM GENOMIC DNA OF HIGHER-ORDER
FILE REFERENCE: SP01-290
CURRENT APPLICATION NUMBER: US/09/972,469
CURRENT FILING DATE: 2001-10-05
NUMBER OF SEQ ID NOS: 196
SOFTWARE: PatentIn version 3.1
SEQ ID NO 195
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
```

```
US-09-972-469-195

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      742 ACCGCCATCCGGGAAGTGTG 761
|||||
DB      20 ACCACCACGACGAAAGTGTG 1

RESULT 911
US-09-982-262B-15/c
; Sequence 15, Application US/09982262B
; Publication No. US20030077565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0612
; CURRENT APPLICATION NUMBER: US/09/982,262B
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/659,288
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: 08/007,997
; PRIOR FILING DATE: 1993-01-21
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-982-262B-15

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGTGTGTGTGGCGG 245
|||||
DB      20 GAGAGGGGGAAGTGTGGGGG 1

RESULT 912
US-09-920-677-21
; Sequence 21, Application US/09920677
; Publication No. US20030083284A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P70 S6 KINASE EXPRESSION
; FILE REFERENCE: RTS-0245
; CURRENT APPLICATION NUMBER: US/09/920,677
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-677-21

Query Match      0.8%; Score 13.6; DB 1; Length 20;
```

```
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 561 CCGCGCGCTCCGTCGTCGTC 580
DB 1 CCGCGCTCCGTCGTCGTC 20

RESULT 913
US-09-935-316-2/c
; Sequence 2, Application US/09935316
; Publication No. US20030083286A1
; GENERAL INFORMATION:
; APPLICANT: Weinbach, Susan
; APPLICANT: Tillman, Lloyd G.
; APPLICANT: Geary, Richard H.
; TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestina
; TITLE OF INVENTION: Absorption
; FILE REFERENCE: IS154823
; CURRENT APPLICATION NUMBER: US/09/935,316
; CURRENT FILING DATE: 2001-08-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-935-316-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
DB 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 914
US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTC 574
DB 20 CCGCGCGCGCGCGCGCGCC 1

RESULT 915
US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTC 574
DB 20 CCGCGCGCGCGCGCGCGCC 1

RESULT 916
US-09-920-033-52/c
; Sequence 52, Application US/09920033
; Publication No. US20030087853A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
; FILE REFERENCE: ISPH-0592
; CURRENT APPLICATION NUMBER: US/09/920,033
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-033-52

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1565 TGCCTGACTCAGCGCAGGCCA 1584
DB 20 TACCTGTCTCTGGTAGGCCA 1

RESULT 917
US-09-902-953-2/c
; Sequence 2, Application US/09902953
; Publication No. US20030096770A1
; GENERAL INFORMATION:
; APPLICANT: Krotz, Achim
; APPLICANT: Mehta, Rahul
; TITLE OF INVENTION: Enhancement Of The Stability Of Oligonucleotides Comprising
```

TITLE OF INVENTION: Phosphorothioate Linkages By Addition Of Water Soluble Antioxidants

FILE REFERENCE: ISIS-4797
CURRENT APPLICATION NUMBER: US/09/902,953
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Antisense Oligonucleotide
-09-902-953-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

226 GAGAGTGGTGGTGGTGGCGG 245
||||| ||| ||||| |||
20 GAGAGGGGAAGTGGTGGGG 1

SULT 918
-09-915-814-106/c
Sequence 106, Application US/09915814
Publication No. US20030096771A1
GENERAL INFORMATION:
APPLICANT: Madeline M. Butler
APPLICANT: Andrew T. Watt
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
FILE REFERENCE: ISPH-0587
CURRENT APPLICATION NUMBER: US/09/915,814
CURRENT FILING DATE: 2001-07-26
NUMBER OF SEQ ID NOS: 230
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-915-814-106

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1003 ATCACGAGAGGGGAGAGCT 1022
||||| ||||| ||| |||
20 ATCACCGAGTGAAGTGCT 1

SULT 919
-09-972-607-63
Sequence 63, Application US/09972607
Publication No. US20030105037A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
FILE REFERENCE: RTS-0191
CURRENT APPLICATION NUMBER: US/09/972,607
CURRENT FILING DATE: 2001-10-06
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-972-607-63

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 TGTTCCTGTTCCAGCTGCTC 936
||| ||||| ||||| |||
Db 1 TGCAGCTGCTCCAGCTGCTC 20

RESULT 920
US-09-973-827-29
; Sequence 29, Application US/09973827
; Publication No. US20030105038A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CREB EXPRESSION
; FILE REFERENCE: RTS-0237
; CURRENT APPLICATION NUMBER: US/09/973,827
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 37
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-973-827-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 294 TTCTGCACGGGGCCCACTCA 313
||||| ||||| ||||| |||
Db 1 TTATGCATGCGGCCACACA 20

RESULT 921
US-09-944-493-2/c
; Sequence 2, Application US/09944493
; Publication No. US20030124196A1
; GENERAL INFORMATION:
; APPLICANT: Weinbach, Susan
; APPLICANT: Tillman, Lloyd G.
; APPLICANT: Geary, Richard H.
; APPLICANT: Hardee, Gregory E.
; TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestina
; FILE REFERENCE: ISIS4823
; CURRENT APPLICATION NUMBER: US/09/944,493
; CURRENT FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-944-493-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
||||| ||||| ||||| |||
Db 20 GAGAGGGGAAGTGGTGGGG 1

```
RESULT 922
US-09-882-945A-145/c
; Sequence 145, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-145

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGTGGCGG 245
      ||||| || ||||| |||||
DB      20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 923
US-09-908-147-27/c
; Sequence 27, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-27

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      77 GAGGGCCCCCGCGCTGTGAG 96
      ||||| || ||||| |||||
DB      20 GGGGGCCCCCAGCTGTGAG 1

RESULT 924
US-09-908-147-133
; Sequence 133, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
```

```
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-133

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      392 CGGATGAGGTGCAGTCTCCA 411
      ||||| ||||| ||||| |||||
DB      1 CGAGGGAAGTCCAGTGTCCA 20

RESULT 925
US-09-793-146-20/c
; Sequence 20, Application US/09793146
; Publication No. US20030203359A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; TITLE OF INVENTION: PREPARATION AND USE
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; PRIOR FILING DATE: 1995-03-13
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
US-09-793-146-20

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGTGGCGG 245
      ||||| || ||||| ||||| |||||
DB      20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 926
US-09-965-101-57/c
; Sequence 57, Application US/09965101
; Publication No. US20040186067A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schorr, Joachim
; APPLICANT: Wu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; TITLE OF INVENTION: Therapeutic Protocols
; FILE REFERENCE: C1039/7057 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/965,101
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 09/082,649
; PRIOR FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
```

NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
-09-965-101-57

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

555 CCTCAGCGCGCGCTCCGTC 574
||| ||||| ||||| |||||
20 CCGCGCGCGCGCGCGCGCC 1

SULT 927
-10-153-273-24
Sequence 24, Application US/10153273
Publication No. US20020169305A1
GENERAL INFORMATION:
APPLICANT: Sim, Kim L.
Chitnis, Chetan
Miller, Louis H.
Peterson, David S.
Su, Xin-zhaun
Wellens, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: California
COUNTRY: US
ZIP: 92660

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/153,273
FILING DATE: 21-May-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/210,288
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Fuller, Michael
REGISTRATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NIH121.1FWDV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176

INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
-10-153-273-24

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.6%; Pred. No. 7.1e+02;
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1630 CCCAGCAGCGCAGCGCTG 1647
|||::|||::|||::|||:
Db 1 CCSMGSGSCAGCAGYTS 18

RESULT 928
US-10-060-301-20
; Sequence 20, Application US/10060301
; Publication No. US20020182622A1
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, Yusuke et al.
; TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
; FILE REFERENCE: 1254-0195p
; CURRENT APPLICATION NUMBER: US/10/060,301
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: JP 2001-25700
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Reverse Primer for SNP ID 10
US-10-060-301-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 765 GCTCAAGGACCTCAACACG 784
||||| ||||| ||||| |||||
Db 1 GCTCAGGACTCGAAGACG 20

RESULT 929
US-10-057-550-11/c
; Sequence 11, Application US/10057550
; Publication No. US20030032607A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/057,550
; CURRENT FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/566,073
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 09/143,214
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: PCT/US98/13961
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: US 08/888,982
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: US 08/756,806
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: PCT/US95/07111
; PRIOR FILING DATE: 1995-05-31
; PRIOR APPLICATION NUMBER: US 08/250,856
; PRIOR FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-057-550-11

```
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1186 ATGGCCACAGGCGTCCCT 1205
      ||||| ||||| ||||| |||||
:b 20 ATGGCTCAGGCGCTTCACT 1

RESULT 930
US-10-029-598-2/c
; Sequence 2, Application US/10029598
; Publication No. US20030040497A1
; GENERAL INFORMATION:
; APPLICANT: Teng, Ching-Leou
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Tillman, Lloyd
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Ecker, David J.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compositions And Methods For No. US20030040497A1-Parental Delivery
; FILE REFERENCE: ISIS4945
; CURRENT APPLICATION NUMBER: US/10/029,598
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 08/082,624
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 09/315,298
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-2

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
      ||||| ||||| ||||| |||||
:b 20 GAGAGGGGAGTGGTGGGG 1

RESULT 931
US-10-112-653-235/c
; Sequence 235, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 235
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
```

```
US-10-112-653-235

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTC 574
      ||||| ||||| ||||| |||||
:b 20 CCGCGCGCGCGCGCGCGCC 1

RESULT 932
US-10-017-995-243/c
; Sequence 243, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-243

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTC 574
      ||||| ||||| ||||| |||||
:b 20 CCGCGCGCGCGCGCGCGCC 1

RESULT 933
US-10-232-881-4/c
; Sequence 4, Application US/10232881
; Publication No. US20030088088A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulunga
; APPLICANT: Manoharan, Muthia
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
; FILE REFERENCE: ISIS3380
; CURRENT APPLICATION NUMBER: US/10/232,881
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Phosphorothioate backbone
US-10-232-881-4

Query Match          0.8%; Score 13.6; DB 1; Length 20;
```

Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

226 GAGAGTGGTGGTGGTGGCGG 245
||||| ||| ||||| |||
20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 934
-10-094-458A-15
Sequence 15, Application US/10094458A
Publication No. US20030097685A1
GENERAL INFORMATION:
APPLICANT: BENNING, CHRISTOPHER
APPLICANT: CERNAC, ALEX
TITLE OF INVENTION: LIPID METABOLISM REGULATORS IN PLANTS
FILE REFERENCE: 16313.0097
CURRENT APPLICATION NUMBER: US/10/094,458A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 60/274,170
PRIOR FILING DATE: 2001-03-08
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
-10-094-458A-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1688 TCTTCCCTGCTTACTCTCTG 1707
||||| ||| ||||| |||
1 TCTTCCCTTGCACCTCTCTG 20

SULT 935
-10-279-186-86
Sequence 86, Application US/10279186
Publication No. US20030114407A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR
FILE REFERENCE: RTS-0346
CURRENT APPLICATION NUMBER: US/10/279,186
CURRENT FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: US/10/003,126
PRIOR FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-279-186-86

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1052 CCAAGTCCATCCCAACAAAG 1071
||||| ||| ||||| |||
1 CCAAGTCCATCCCTAGACAG 20

RESULT 936

US-10-279-186-87
Sequence 87, Application US/10279186
Publication No. US20030114407A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR
FILE REFERENCE: RTS-0346
CURRENT APPLICATION NUMBER: US/10/279,186
CURRENT FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: US/10/003,126
PRIOR FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 87
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-279-186-87

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1049 GAGCAAGTCAATCCCAACA 1068
||||| ||| ||||| |||
DB 1 GAACCAAGTCCATCCCTAGA 20

RESULT 937
US-10-173-225B-11/c
Sequence 11, Application US/10173225B
Publication No. US20030119769A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
FILE REFERENCE: ISPH-0665
CURRENT APPLICATION NUMBER: US/10/173,225B
CURRENT FILING DATE: 2002-12-06
PRIOR APPLICATION NUMBER: US 10/057,550
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 09/143,214
PRIOR FILING DATE: 1998-08-28
PRIOR APPLICATION NUMBER: PCT/US98/13961
PRIOR FILING DATE: 1998-07-06
PRIOR APPLICATION NUMBER: US 08/888,982
PRIOR FILING DATE: 1997-07-07
PRIOR APPLICATION NUMBER: US 08/756,806
PRIOR FILING DATE: 1996-11-26
PRIOR APPLICATION NUMBER: PCT/US95/07111
PRIOR FILING DATE: 1995-05-31
PRIOR APPLICATION NUMBER: US 08/250,856
PRIOR FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 109
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-10-173-225B-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1186 ATGGCCACAGGCGTCCCT 1205
||||| ||| ||||| |||
DB 20 ATGGCTCCAGGCGTTCACCT 1


```
RESULT 938
US-10-006-366-74
; Sequence 74, Application US/10006366
; Publication No. US20030125273A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
; FILE REFERENCE: RTS-0332
; CURRENT APPLICATION NUMBER: US/10/006,366
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-74

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      865 AAGCTGACTGATGACTG 884
Db      1 AAGCTGAACCTGGATGGCAG 20

RESULT 939
US-10-229-834A-23/c
; Sequence 23, Application US/10229834A
; Publication No. US20030150003A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence Berkeley National Laboratory
; APPLICANT: Rubin, Edward
; APPLICANT: Pennacchio, Len
; TITLE OF INVENTION: A novel apolipoprotein gene involved in lipid metabolism
; FILE REFERENCE: IB-1709
; CURRENT APPLICATION NUMBER: US/10/229,834A
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: US 60/318,219
; PRIOR FILING DATE: 2001-08-27
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens and Mus musculus
US-10-229-834A-23

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      622 AAGCTGGACAAACTGGGCGA 641
Db      20 AACTGGACCAGCTGGCGCA 1

RESULT 940
US-10-083-246A-26
; Sequence 26, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
```

```
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)-(20)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-26

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      623 AGCTGGACAAACTGGGCGAG 642
Db      1 AGTCGGTCAAACTGGGTGAG 20

RESULT 941
US-10-189-956-36
; Sequence 36, Application US/10189956
; Publication No. US20030152951A1
; GENERAL INFORMATION:
; APPLICANT: Mirel, Daniel B
; APPLICANT: Erlich, Henry A
; APPLICANT: Bugawan, Teodorica L
; APPLICANT: Valdes, Ana M
; TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1
; FILE REFERENCE: 1803-295-999
; CURRENT APPLICATION NUMBER: US/10/189,956
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-189-956-36

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1521 GGAGATTTCAGCTACAAAGG 1540
Db      1 GCAGACTCAGCAACAAGG 20

RESULT 942
US-10-233-032A-68
; Sequence 68, Application US/10233032A
; Publication No. US20030157704A1
; GENERAL INFORMATION:
; APPLICANT: Poole, Jason
; APPLICANT: Roninson, Igor
; APPLICANT: Chang, Bey-Dih
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING
; TITLE OF INVENTION: EXPRESSION OF GENES REGULATED BY CDK INHIBITORS
; FILE REFERENCE: 01-1156-A
; CURRENT APPLICATION NUMBER: US/10/233,032A
; CURRENT FILING DATE: 2003-02-12
; PRIOR APPLICATION NUMBER: US 09/861,925
; PRIOR FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US 60/265,840
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 68
```

```
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Analytical sense primer for MAC2-BP
-10-233-032A-68

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

48 ACCAGCAGTGTGACTGCTGA 67
|||||
1 ACCATGAGTGTGGATGCTGA 20

>JULT 943
-10-162-497-28/c
Sequence 28, Application US/10162497
Publication No. US20030158398A1
GENERAL INFORMATION:
APPLICANT: Chen, H.
APPLICANT: Freimer, N.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
AND TREATING CHROMOSOME-18p RELATED DISORDERS
FILE REFERENCE: 7853-138
CURRENT APPLICATION NUMBER: US/10/162,497
CURRENT FILING DATE: 2002-06-04
PRIOR APPLICATION NUMBER: US/09/657,474
PRIOR FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: 09/268,992
PRIOR FILING DATE: 1999-03-16
PRIOR APPLICATION NUMBER: 09/236,134
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/106,056
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/088,312
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/078,044
PRIOR FILING DATE: 1998-03-16
NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-162-497-28

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

156 GTCAATGACACTCGAGGTG 175
|||||
20 GTCAATGAAACTTGGAGGTG 1

>JULT 944
-10-026-952-94/c
Sequence 94, Application US/10026952
Publication No. US20030165859A1
GENERAL INFORMATION:
APPLICANT: Nazarenko, Irina
APPLICANT: Rashtchian, Ayoub
APPLICANT: Solus, Joseph
APPLICANT: Pires, Richard M.
APPLICANT: Darfier, Marlene
APPLICANT: Gebeyehu, Gulilat
APPLICANT: Astatke, Mekbib
TITLE OF INVENTION: Primers and Methods for the Detection and
Discrimination of Nucleic Acids
FILE REFERENCE: 0942.4980006
CURRENT APPLICATION NUMBER: US/10/026,952
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: 60/330,468
PRIOR FILING DATE: 2001-10-23
PRIOR APPLICATION NUMBER: 60/139,890
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/175,959
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 09/599,594
PRIOR FILING DATE: 2000-06-22
PRIOR APPLICATION NUMBER: 09/748,146
PRIOR FILING DATE: 2000-12-27
NUMBER OF SEQ ID NOS: 139
SOFTWARE: PatentIn version 3.1
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
```

```
; TITLE OF INVENTION: Discrimination of Nucleic Acids
; FILE REFERENCE: 0942.4980006
; CURRENT APPLICATION NUMBER: US/10/026,952
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/330,468
; PRIOR FILING DATE: 2001-10-23
; PRIOR APPLICATION NUMBER: 60/139,890
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/175,959
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 09/599,594
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/748,146
; PRIOR FILING DATE: 2000-12-27
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: Fluorescently labeled
US-10-026-952-94

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CTACTGCCACGCGCAGG 967
|||||
Db 20 CTACAGCCACCATGAGAAG 1

RESULT 945
US-10-026-952-103/c
; Sequence 103, Application US/10026952
; Publication No. US20030165859A1
; GENERAL INFORMATION:
; APPLICANT: Nazarenko, Irina
; APPLICANT: Rashtchian, Ayoub
; APPLICANT: Solus, Joseph
; APPLICANT: Pires, Richard M.
; APPLICANT: Darfier, Marlene
; APPLICANT: Gebeyehu, Gulilat
; APPLICANT: Astatke, Mekbib
; TITLE OF INVENTION: Primers and Methods for the Detection and
; Discrimination of Nucleic Acids
; FILE REFERENCE: 0942.4980006
; CURRENT APPLICATION NUMBER: US/10/026,952
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/330,468
; PRIOR FILING DATE: 2001-10-23
; PRIOR APPLICATION NUMBER: 60/139,890
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/175,959
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 09/599,594
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/748,146
; PRIOR FILING DATE: 2000-12-27
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
```

NAME/KEY: misc feature
LOCATION: (1)..(1)
OTHER INFORMATION: Fluorescently labeled
US-10-026-952-103

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CTACTGCCACCGCAGAGG 967
DB 20 CTACAGCCACCATGAGAGG 1

RESULT 946

US-10-026-952-104/c
Sequence 104, Application US/10026952
Publication No. US20030165859A1
GENERAL INFORMATION:

APPLICANT: Nazarenko, Irina
APPLICANT: Rashtchian, Ayoub
APPLICANT: Solus, Joseph
APPLICANT: Pires, Richard M.
APPLICANT: Darfler, Marlene
APPLICANT: Gebeyehu, Gulilat
APPLICANT: Astatke, Mekbib
TITLE OF INVENTION: Primers and Methods for the Detection and
TITLE OF INVENTION: Discrimination of Nucleic Acids

FILE REFERENCE: 0942.4980006
CURRENT APPLICATION NUMBER: US/10/026,952
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: 60/330,468
PRIOR FILING DATE: 2001-10-23
PRIOR APPLICATION NUMBER: 60/139,890
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/175,959
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 09/599,594
PRIOR FILING DATE: 2000-06-22
PRIOR APPLICATION NUMBER: 09/748,146
PRIOR FILING DATE: 2000-12-27
NUMBER OF SEQ ID NOS: 139
SOFTWARE: PatentIn version 3.1
SEQ ID NO 104

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

FEATURE:

NAME/KEY: misc feature

LOCATION: (3)..(3)

OTHER INFORMATION: Fluorescently labeled
US-10-026-952-104

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CTACTGCCACCGCAGAGG 967
DB 20 CTACAGCCACCATGAGAGG 1

RESULT 947

US-10-203-780-12/c
Sequence 12, Application US/10203780
Publication No. US20030165914A1
GENERAL INFORMATION:

APPLICANT: CUZIN, MARC
APPLICANT: PELTIE, PHILIPPE
APPLICANT: FONTECAVE, MARC
APPLICANT: DECOUT, JEAN-LUC

APPLICANT: DUEYMES, CECILE
TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUORI
TITLE OF INVENTION: MARKER
FILE REFERENCE: 226286US0XPCT
CURRENT APPLICATION NUMBER: US/10/203,780
CURRENT FILING DATE: 2002-11-25
PRIOR APPLICATION NUMBER: PCT/FR01/00516
PRIOR FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: FR 00 02236
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
NAME/KEY: modified base
LOCATION: (1)..(1)
OTHER INFORMATION: c is modified with a covalent linkage to flavin
US-10-203-780-12

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
DB 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 948

US-10-408-969-4/c
Sequence 4, Application US/10408969
Publication No. US20030170759A1
GENERAL INFORMATION:

APPLICANT: O'Brien, Timothy J.
APPLICANT: Underwood, Lowell J.
APPLICANT: Tanimoto, Hirotooshi
APPLICANT: Shigemasa, Kazushi
TITLE OF INVENTION: Uses of Antileukoprotease in Carcinoma
FILE REFERENCE: D6247D
CURRENT APPLICATION NUMBER: US/10/408,969
CURRENT FILING DATE: 2003-04-08
PRIOR APPLICATION NUMBER: US 09/692,820
PRIOR FILING DATE: 2000-10-18
NUMBER OF SEQ ID NOS: 6
SEQ ID NO 4

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Reverse oligonucleotide primer for PCR

OTHER INFORMATION: amplification of antileukoprotease

US-10-408-969-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1109 CCCCTGACATCCTGCTGGG 1128
DB 20 CCACAGATATCCTCCTTTGG 1

RESULT 949

US-10-160-632-73/c
Sequence 73, Application US/10160632
Publication No. US20030176380A1
GENERAL INFORMATION:

APPLICANT: Donna T. Ward

APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
FILE REFERENCE: RFS-0217
CURRENT APPLICATION NUMBER: US/10/160,632
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: US/09/853,768
PRIOR FILING DATE: 2001-05-10
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-160-632-73

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1380 GCGGACCTCTCTCACCACG 1399
||| ||||| |||||
20 GGACTACCTCATAACCAAGC 1

SULT 950
-10-238-442-75/c
Sequence 75, Application US/10238442
Publication No. US20030176383A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
FILE REFERENCE: ISPH-0488
CURRENT APPLICATION NUMBER: US/10/238,442
CURRENT FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
-10-238-442-75

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1153 GACATGTGGGTGTGGCTG 1172
||||| ||| |||||
20 GACATGTGTGTGTGGCTG 1

SULT 951
-10-032-585-5724
Sequence 5724, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999

CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5724
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5724

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 231 TGGTGGTGTGGCGGCAGTG 250
||||| ||||| |||||
Db 1 TGGTGGTGTGGTGGTGGTGGT 20

RESULT 952
US-10-220-507-14
Sequence 14, Application US/10220507
Publication No. US20030186262A1
GENERAL INFORMATION:
APPLICANT: CAILLOUX, FABRICE
TITLE OF INVENTION: NOVEL DNA CHIPS
FILE REFERENCE: 065691/0288
CURRENT APPLICATION NUMBER: US/10/220,507
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: PCT/FR01/00604
PRIOR FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: FR 00/02614
PRIOR FILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn ver. 2.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe
US-10-220-507-14

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 229 AGTGGTGTGTGGCGGCAG 248
||||| ||||| |||||
Db 1 ACTGGTGTGTGGAGCAG 20

RESULT 953
US-10-430-196-20/c
Sequence 20, Application US/10430196
Publication No. US20030194738A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2

NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2

Db	20	CTGGTGAAGCTGCCCGTGAA	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-73

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 330 TGTGCACGAGGACTTGAAGA 349
Db 20 TGTGCACGATGAGTTACGA 1

RESULT 962
US-10-159-942-75/c
; Sequence 75, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-75

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 876 GGAAGACTGTGGAAACATCA 895
Db 20 GGAAGACTGTGGCTACAACA 1

RESULT 963
US-10-159-942-125
; Sequence 125, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-125

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 876 GGAAGACTGTGGAAACATCA 895
Db 20 GGAAGACTGTGGCTACAACA 1

RESULT 964
US-10-161-996-69/c
; Sequence 69, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-69

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGCTGG 1045
Db 20 GCAGGCTGACCTGGACCTGG 1

RESULT 965
US-10-161-996-203
; Sequence 203, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 203
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-203

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGCTGG 1045
Db 20 GCAGGCTGACCTGGACCTGG 1

RESULT 966
US-10-160-554-14/c
; Sequence 14, Application US/10160554
; Publication No. US20030225012A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
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QY 330 TGTGCACGAGGACTTGAAGA 349
Db 1 TGTGCACGATGAGTTACGA 20

RESULT 964
US-10-161-996-69/c
; Sequence 69, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-69

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGCTGG 1045
Db 20 GCAGGCTGACCTGGACCTGG 1

RESULT 965
US-10-161-996-203
; Sequence 203, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 203
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-203

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGCTGG 1045
Db 1 GCAGGCTGACCTGGACCTGG 20

RESULT 966
US-10-160-554-14/c
; Sequence 14, Application US/10160554
; Publication No. US20030225012A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
```

TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSCRIPTION FACTOR DP-1 EXPRESSION
FILE REFERENCE: RTS-0019
CURRENT APPLICATION NUMBER: US/10/160,554
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 47

SEQ ID NO 14

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-160-554-14

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1672 GCAGCCCCCACTACATCTT 1691

|||||
20 GCTGCCGACCAACCATCTT 1

SULT 967

-10-160-787-36/c

Sequence 36, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 36

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-160-787-36

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

347 AGATGGGCTCTGATGGGAG 366

|||||
20 AAATGGGATCATGTGTGAG 1

SULT 968

-10-160-787-40/c

Sequence 40, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 40

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-160-787-40

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 388 TCCTCGGATGAGTGCAGTC 407
|||
Db 20 TCATCTGATGAGTCCAGTC 1

RESULT 969

US-10-160-787-51/c

Sequence 51, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 51

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-160-787-51

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 608 TGGAGACCTACATTAAGCTG 627

|||||
Db 20 TGGAAACCTACATCAATTG 1

RESULT 970

US-10-160-787-53

Sequence 53, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 53

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-160-787-53

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1390 CTCACCAAGCTGTTCAGTT 1409

|||||
Db 1 CTCCCAAGCTTTTCCAATT 20

RESULT 971

US-10-160-787-54/c

Sequence 54, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 54


```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-54
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

2/ 692 TTGTGGCACTCAAGGAGATC 711
| ||||| || |||||
Db 20 TGGTGGCAATTAAGAGATC 1

RESULT 972
US-10-160-787-61/c
; Sequence 61, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-61
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1072 ACATACTCCAAATGAGTGGT 1091
| ||||| ||||| |||||
Db 20 ACCTACTCAATGAAGTGT 1

RESULT 973
US-10-160-787-64/c
; Sequence 64, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-64
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1134 GGACTACTCCACTCAGATTG 1153
| ||||| ||||| |||||
Db 20 GGAGTACTTAACAGATTG 1

RESULT 974
US-10-160-787-64/c
; Sequence 64, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-64
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1134 GGACTACTCCACTCAGATTG 1153
| ||||| ||||| |||||
Db 20 GGAGTACTTAACAGATTG 1

RESULT 974
US-10-160-787-105
; Sequence 105, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-105
```

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US-10-160-787-70/c
; Sequence 70, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-70
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1306 TTCAAGACATACAACTACCC 1325
| ||||| ||||| |||||
Db 20 TTCAAGAACTACAACTTTC 1

RESULT 975
US-10-160-787-79/c
; Sequence 79, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-79
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1517 TAAAGGAGATTCAGCTACAA 1536
| ||||| ||||| |||||
Db 20 TGAAGAGATTCAGTTGCAA 1

RESULT 976
US-10-160-787-105
; Sequence 105, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-105
```

```
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

347 AGATGGGTCTGATGGGAG 366
||||| ||||| |||||
1 AAATGGGATCAGATGGTGAG 20

SULT 977
-10-160-787-109
Sequence 109, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 109
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-160-787-109

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

388 TCCTCGGATGAGTGCAGTC 407
||||| ||||| |||||
1 TCATCTGATGAAGTCGATC 20

SULT 978
-10-160-787-117
Sequence 117, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 117
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-160-787-117

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

692 TTGTGGCACTCAAGGATC 711
||||| ||||| |||||
1 TGGTGGCATTAAGAGATC 20

SULT 979
-10-160-787-123
Sequence 123, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
```

```
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-123

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1072 ACATACTCAATGAGGTGGT 1091
||||| ||||| |||||
Db 1 ACCTACTCAATGAAGTTGT 20

RESULT 980
US-10-160-787-130
Sequence 130, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 130
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-160-787-130

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1306 TTCAAGACATACACTACCC 1325
||||| ||||| |||||
Db 1 TTCAAGAACTACACTTTCC 20

RESULT 981
US-10-160-787-135
Sequence 135, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 135
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-160-787-135

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1517 TAAAGGAGATTCAGCTACAA 1536
||||| ||||| |||||
Db 1 TGAAGAGAGATTCAGTTGCAA 20

RESULT 982
US-10-449-512-1/c
```

```
; Sequence 1, Application US/10449512
; Publication No. US20030228568A1
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/10/449,512
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US/09/670,216
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hiPKF-2 antisense
US-10-449-512-1

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1679 CCAACTACATCTTCCTGCT 1698
Db 20 CCAACGGCATCTTCGGGCT 1

RESULT 983
US-10-449-512-2
; Sequence 2, Application US/10449512
; Publication No. US20030228568A1
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/10/449,512
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US/09/670,216
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hi-PRK-2 antisense
US-10-449-512-2

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1679 CCAACTACATCTTCCTGCT 1698
Do 1 CCAACGGCATCTTCGGGCT 20

RESULT 984
```

```
US-10-388-263-584/c
; Sequence 584, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 584
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-584

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1565 TGCTGACTCAGCGAGGCCA 1584
Db 20 TACCTGTCTCTGTAGGCCA 1

RESULT 985
US-10-174-460-60/c
; Sequence 60, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-60

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1166 TGGGCTGCATCTTCTATGAG 1185
Db 20 TGGGCTGCAGTCTCTGTGGG 1

RESULT 986
US-10-174-460-102
; Sequence 102, Application US/10174460
; Publication No. US20030232441A1
```

```
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
FILE REFERENCE: PTS-0014
CURRENT APPLICATION NUMBER: US/10/174,460
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 109
SEQ ID NO 102
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-174-460-102

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

      1166 TGGGCTGCATCTCTATGAG 1185
      |||||
      1 TGGGCTGCAGCTCCTGTGGG 20

RESULT 987
-10-173-902-43/c
Sequence 43, Application US/10173902
Publication No. US20030232769A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
FILE REFERENCE: PTS-0044
CURRENT APPLICATION NUMBER: US/10/173,902
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 74
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-173-902-43

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

      926 TCCAGCTGCTCGTGCCCTG 945
      |||||
      20 TCCAGCTACACCTGTCTCTG 1

SULT 988
-10-173-902-71
Sequence 71, Application US/10173902
Publication No. US20030232769A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
FILE REFERENCE: PTS-0044
CURRENT APPLICATION NUMBER: US/10/173,902
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 74
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-173-902-71
```

```
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

      926 TCCAGCTGCTCGTGCCCTG 945
      |||||
      1 TCCAGCTACACCTGTCTCTG 20

RESULT 989
US-10-174-465-13
Sequence 13, Application US/10174465
Publication No. US20030232772A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF EXTRACELLULAR-SIGNAL-REGULATED KINASE-6
FILE REFERENCE: PTS-0055
CURRENT APPLICATION NUMBER: US/10/174,465
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 70
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-465-13

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

      83 CCCGGGCTCTGAGTTGCT 102
      |||
      1 CCACCAGCTCTGAGTTTCT 20

RESULT 990
US-10-174-465-49/c
Sequence 49, Application US/10174465
Publication No. US20030232772A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF EXTRACELLULAR-SIGNAL-REGULATED KINASE-6
FILE REFERENCE: PTS-0055
CURRENT APPLICATION NUMBER: US/10/174,465
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 70
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-174-465-49

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

      83 CCCGGGCTCTGAGTTGCT 102
      |||
      20 CCACCAGCTCTGAGTTTCT 1

RESULT 991
US-10-348-431-13
Sequence 13, Application US/10348431
Publication No. US20030232778A1
GENERAL INFORMATION:
APPLICANT: Eric G. Marcusson
APPLICANT: C. Frank Bennett
```

```

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: EXTRACELLULAR-SIGNAL-REGULATED KINASE-6 INHIBITORS FOR INHIBITING
; FILE REFERENCE: ANGIOGENESIS
; CURRENT APPLICATION NUMBER: US/10/348,431
; CURRENT FILING DATE: 2003-01-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-348-431-13

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      83  CCCGCGGCTCTGAGGTGCT 102
        ||| ||||| ||||| |||||
Db       1  CCACCAGCTCTGAGGTTCT 20

RESULT 992
US-10-348-431-49/c
; Sequence 49, Application US/10348431
; Publication No. US20030232778A1
; GENERAL INFORMATION:
; APPLICANT: Eric G. Marcusson
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: EXTRACELLULAR-SIGNAL-REGULATED KINASE-6 INHIBITORS FOR INHIBITING
; FILE REFERENCE: ANGIOGENESIS
; CURRENT APPLICATION NUMBER: US/10/348,431
; CURRENT FILING DATE: 2003-01-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-348-431-49

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      83  CCCGCGGCTCTGAGGTGCT 102
        ||| ||||| ||||| |||||
Db       20  CCACCAGCTCTGAGGTTCT 1

RESULT 993
US-10-104-047-4089/c
; Sequence 4089, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1el full length cDNA
; FILE REFERENCE: HL-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4089
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially
```

```

; OTHER INFORMATION: synthesized primer sequence
US-10-104-047-4089

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      154  CTGTCATGACACTCCGAGG 173
        ||||| ||||| ||||| |||||
Db       20  CTGTCAGTCTCTCCTGG 1

RESULT 994
US-10-349-143-11617/c
; Sequence 11617, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11617
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11206 for SEQ 3752, in complete
US-10-349-143-11617

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1237  CACTTCATCTCCGTATCTT 1256
        ||| ||||| ||||| |||||
Db       20  CTCCTCCTCTCCATACTT 1

RESULT 995
US-10-289-762-2072/c
; Sequence 2072, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2072
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2072

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
```

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

405 GTCTCCAGTGGAGTGGCTA 424
||||| ||||| |||||
20 GTCTCCTATGAGATTGCGGA 1

SULT 896

-10-289-762-3394/c

Sequence 3394, Application US/10289762
Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3394

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

-10-289-762-3394

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

154 CTGTCAATGACACTCCGAGG 173
||||| ||||| |||||
20 CTGTGATTACACCGAGG 1

SULT 897

-10-289-762-3649/c

Sequence 3649, Application US/10289762
Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3649

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

-10-289-762-3649

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1684 TACATCTTCCTGCTTACTC 1703
||||| ||||| |||||
20 TACTTCTTCCCTCCCTCTC 1

SULT 898

-10-289-762-4585

Sequence 4585, Application US/10289762
Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/10/289,762

; CURRENT FILING DATE: 2003-03-27

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 4585

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-10-289-762-4585

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 9 GCGTAAAGGATGGACAGGAA 28
||||| ||||| |||||

DB 1 GCGTTCAGGATCTACAGGAA 20
||||| ||||| |||||

RESULT 999

US-10-289-762-5261

Sequence 5261, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 5261

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-10-289-762-5261

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 953 GCCACCGGCAGAGGTGCTA 972
||||| ||||| |||||

DB 1 GCTATCGGCAGATGATGCTA 20
||||| ||||| |||||

RESULT 1000

US-10-289-762-5947/c

Sequence 5947, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 5947

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-10-289-762-5947

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 542 TCTTTGACAGCCCTCAGC 561
||||| ||||| |||||

DB 20 TATTGTCAAGCCCCACACC 1
||||| ||||| |||||

```
RESULT 1001
US-10-289-762-6067
; Sequence 6067, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6067
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6067

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 761 CCTGTCTCAAGGACCTCAA 780
Db 1 CGTGTCTCAAGACATCAGA 20

RESULT 1002
US-10-131-827-8923/c
; Sequence 8923, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8923
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-131-827-8923

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 715 CTGGAACATGAGAGGGGCG 734
Db 20 CTTGAACCTGAACAGGGCGC 1

RESULT 1003
US-10-210-429-63/c
; Sequence 63, Application US/10210429
; Publication No. US20040023379A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
; FILE REFERENCE: PTS-0048
; CURRENT APPLICATION NUMBER: US/10/210,429
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-429-63

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1081 AATGAGGTGTGACACTGTG 1100
Db 20 AATGAGTTGAGGCCACTGTG 1

RESULT 1004
US-10-210-429-134
; Sequence 134, Application US/10210429
; Publication No. US20040023379A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
; FILE REFERENCE: PTS-0048
; CURRENT APPLICATION NUMBER: US/10/210,429
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-210-429-134

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1081 AATGAGGTGTGACACTGTG 1100
Db 1 AATGAGTTGAGGCCACTGTG 20

RESULT 1005
US-10-210-833-100/c
; Sequence 100, Application US/10210833
; Publication No. US20040023383A1
; GENERAL INFORMATION:
; APPLICANT: Sanjay Bhanot
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF RESISTIN EXPRESSION
; FILE REFERENCE: RTS-0396
; CURRENT APPLICATION NUMBER: US/10/210,833
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-833-100

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

14 AAGGATGGACAGGAATGCAG 33
|||||
20 AAGGATAGACTGGACAGAG 1

RESULT 1006
-10-210-833-159
Sequence 159, Application US/10210833
Publication No. US20040023383A1
GENERAL INFORMATION:
APPLICANT: Sanjay Bhanot
FILE OF INVENTION: ANTISENSE MODULATION OF RESISTIN EXPRESSION
FILE REFERENCE: RTS-0396
CURRENT APPLICATION NUMBER: US/10/210,833
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 159
LENGTH: 20
TYPE: DNA
ORGANISM: M. musculus
FEATURE:
-10-210-833-159

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

14 AAGGATGGACAGGAATGCAG 33
|||||
1 AAGGATAGACTGGACAGAG 20

RESULT 1007
-10-628-841-63
Sequence 63, Application US/10628841
Publication No. US20040023918A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
FILE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
FILE REFERENCE: RTS-0191
CURRENT APPLICATION NUMBER: US/10/628,841
CURRENT FILING DATE: 2003-07-28
PRIOR APPLICATION NUMBER: US/09/972,607
PRIOR FILING DATE: 2001-10-06
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-628-841-63

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

917 TGTTCCTGTTCCAGTGTCTC 936
|||
1 TGCAGTGTCTCCAGTGTCTC 20

SULT 1008
-10-462-261-50
Sequence 50, Application US/10462261
Publication No. US20040029248A1
GENERAL INFORMATION:
APPLICANT: Garrett M. Brodeur
FILE OF INVENTION: CHD5 ENCODING NUCLEIC ACIDS,

FILE OF INVENTION: POLYPEPTIDES, ANTIBODIES AND METHODS OF USE THEREOF
FILE REFERENCE: CHOP0162
CURRENT APPLICATION NUMBER: US/10/462,261
CURRENT FILING DATE: 2003-06-16
PRIOR APPLICATION NUMBER: 60/388,848
PRIOR FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 69
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-462-261-50

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 506 AGGGCTACCTGGAGAAGCTG 525
|||
DB 1 AGAACACACTGGAGGAGCTG 20

RESULT 1009
US-10-215-448-70
Sequence 70, Application US/10215448
Publication No. US20040029273A1
GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt
FILE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
FILE REFERENCE: RTS-0179
CURRENT APPLICATION NUMBER: US/10/215,448
CURRENT FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 105
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-70

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1720 AGCCATGTTCCACCTGCCAC 1739
|||
DB 1 AACCATCTTCATCTTCCAC 20

RESULT 1010
US-10-215-448-102/c
Sequence 102, Application US/10215448
Publication No. US20040029273A1
GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt
FILE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
FILE REFERENCE: RTS-0179
CURRENT APPLICATION NUMBER: US/10/215,448
CURRENT FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 105
SEQ ID NO 102
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-215-448-102

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;

APPLICANT: Liu, Yi
APPLICANT: Anderson, David W.
APPLICANT: Spaderina, Steven K.
APPLICANT: Catterton, Elina
APPLICANT: Leite, Mario W.
APPLICANT: Zhong, Hailong
APPLICANT: Alsobrook, John P.
APPLICANT: Lepley, Denise M.
APPLICANT: Rieger, Daniel K.
APPLICANT: Burgess, Catharine E.
TITLE OF INVENTION: No. US20040043382A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-290C
CURRENT APPLICATION NUMBER: US/10/092,900A
CURRENT FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: USSN 60/274,322
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/283,675
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: USSN 60/338,092
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: USSN 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/274,191
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/325,681
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: USSN 60/304,354
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: USSN 60/279,995
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: USSN 60/294,899
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: USSN 60/287,424
PRIOR FILING DATE: 2001-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 768
SEQ ID NO 426
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
-10-092-900A-426

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

306 CCCTCAGCTGTGCACG 325
|||||
1 CCCTCAGCTGAAACAG 20

SUT 1015
-10-672-981-29
Sequence 29, Application US/10672981
Publication No. US2004004825A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CREB EXPRESSION
FILE REFERENCE: RTS-0237
CURRENT APPLICATION NUMBER: US/10/672,981
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: US/09/973,827
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 37
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-10-672-981-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 294 TTCTGACGGGGCCCACTCA 313
|||||
Db 1 TTATGCATGCGGCCACACA 20

RESULT 1016
US-10-380-533-72
Sequence 72, Application US/10380533
Publication No. US20040072186A1
GENERAL INFORMATION:
APPLICANT: University College Cardiff Consultants Ltd
TITLE OF INVENTION: Transglutaminase Gene Products
FILE REFERENCE: P504074PCT
CURRENT APPLICATION NUMBER: US/10/380,533
CURRENT FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: GB0111995.7
PRIOR FILING DATE: 2001-05-16
PRIOR APPLICATION NUMBER: GB0022768.6
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 144
SOFTWARE: PatentIn version 3.1
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-380-533-72

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 599 TTGGGAACTGGAGACCTAC 618
|||||
Db 1 TTGGGAGCTGGAGAGCAAC 20

RESULT 1017
US-10-626-772-33
Sequence 33, Application US/10626772
Publication No. US20040072344A1
GENERAL INFORMATION:
APPLICANT: KAZUTOMO INOUE,
APPLICANT: DOHOON KIM,
APPLICANT: YANJUN GU
APPLICANT: MICHIO ISHII
TITLE OF INVENTION: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO
TITLE OF INVENTION: FUNCTIONING CELLS
FILE REFERENCE: 0020-5157P
CURRENT APPLICATION NUMBER: US/10/626,772
CURRENT FILING DATE: 2003-07-25
PRIOR APPLICATION NUMBER: US 10/054,789
PRIOR FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
US-10-626-772-33

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 614 CCTACATTAAGCTGGACAAA 633
|||||

APPLICANT: Boldog, Ference,
APPLICANT: Burgess, Catherine E.,
APPLICANT: Chant, John S.,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: DiPippo, Vincent A.,
APPLICANT: Edinger, Shlomit R.,
APPLICANT: Eissen, Andrew,
APPLICANT: Ellerman, Karen,
APPLICANT: Gangolli, Esha A.,
APPLICANT: Gorman, Linda,
APPLICANT: Gerlach, Valerie,
APPLICANT: Ji, Weizhen,
APPLICANT: Kekuda, Ramesh,
APPLICANT: Khrantsov, Nikolai,
APPLICANT: Li, Li,
APPLICANT: Malyankar, Uriel M.,
APPLICANT: MacDougall, John R.,
APPLICANT: Mezes, Peter S.,
APPLICANT: Miller, Charles E.,
APPLICANT: Millet, Isabelle,
APPLICANT: Ooi, Chean Eng,
APPLICANT: Ort, Tatiana,
APPLICANT: Padigaru, Muralidhara,
APPLICANT: Patturajan, Meera,
APPLICANT: Rastelli, Luca,
APPLICANT: Rieger, Daniel K.,
APPLICANT: Rothenberg, Mark E.,
APPLICANT: Shenoy, Suresh G.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spytek, Kimberley A.,
APPLICANT: Taupier, Jr., Raymond J.,
APPLICANT: Vernhet, Corine A.M.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,392
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: 60/364,000
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/404,821
PRIOR FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: 60/334,526
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,409
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/364,227
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: 60/331,641
PRIOR FILING DATE: 2001-11-20
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 673
SOFTWARE: CuraseqList version 0.1
SEQ ID NO 539
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
3'-10-287-226-539
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 275 CTGCTCCTGGGGAACCTTCGT 294
Db 1 CAGCTCCTGGGGTATTTCGT 20
RESULT 1023
US-10-295-471-26/c
; Sequence 26, Application US/10295471
; Publication No. US20040097441A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0368
; CURRENT APPLICATION NUMBER: US/10/295,471
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-295-471-26
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 17 GATGGACAGGAATGCAGAGG 36
Db 20 GCTGGACAGGAAGACAGTGG 1
RESULT 1024
US-10-295-471-102
; Sequence 102, Application US/10295471
; Publication No. US20040097441A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0368
; CURRENT APPLICATION NUMBER: US/10/295,471
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-295-471-102
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 17 GATGGACAGGAATGCAGAGG 36
Db 1 GCTGGACAGGAAGACAGTGG 20
RESULT 1025
US-10-301-832-26/c
; Sequence 26, Application US/10301832
; Publication No. US20040102390A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NOTCH3 EXPRESSION
; FILE REFERENCE: RTS-0414
; CURRENT APPLICATION NUMBER: US/10/301,832
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 155
; SEQ ID NO 26

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-301-832-26

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 547 GACAAGCCCTCAGCCGCG 566
      ||||| ||||| |||||
Db 20 GACAAGTACCTCTGCCGCTG 1

RESULT 1026
US-10-301-832-103
; Sequence 103, Application US/10301832
; Publication No. US20040102390A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NOTCH3 EXPRESSION
; FILE REFERENCE: RTS-0414
; CURRENT APPLICATION NUMBER: US/10/301.832
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 155
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-301-832-103

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 547 GACAAGCCCTCAGCCGCG 566
      ||||| ||||| |||||
Db 1 GACAAGTACCTCTGCCGCTG 20

RESULT 1027
US-10-303-292-38/c
; Sequence 38, Application US/10303292
; Publication No. US20040102394A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 2 EXPRESSION
; FILE REFERENCE: RTS-0078
; CURRENT APPLICATION NUMBER: US/10/303.292
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-292-38

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 582 CCTATCTGAGATTGGCTTTG 601
      ||||| ||||| |||||
Db 20 CCTATGTCTATGGGCTTTG 1

RESULT 1028
US-10-303-292-64
; Sequence 64, Application US/10303292
; Publication No. US20040102394A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 2 EXPRESSION
; FILE REFERENCE: RTS-0078
; CURRENT APPLICATION NUMBER: US/10/303.292
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-292-64

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 582 CCTATCTGAGATTGGCTTTG 601
      ||||| ||||| |||||
Db 1 CCTATGTCTATGGGCTTTG 20

RESULT 1029
US-10-303-325-36/c
; Sequence 36, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303.325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-36

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 304 GGCCCACTCAGCTCTGCACC 323
      ||||| ||||| |||||
Db 20 GGCACTCTGGCTCTGCACC 1

RESULT 1030
US-10-303-325-112
; Sequence 112, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303.325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 112
; LENGTH: 20
```



```
GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1543
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1543

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1184 AGATGGCCACAGGCGCTCCC 1203
      ||| ||||| ||||| |||
Db 1 AAATTACCACAGGCGGCCCC 20

RESULT 1036
US-10-688-706-1688
; Sequence 1688, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1688
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1688

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 889 AACATCATCAACATGCACAA 908
      ||| ||||| ||||| |||
Db 1 AACATCATCATCTTCCAGAA 20

RESULT 1037
US-10-688-706-2931
; Sequence 2931, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17

GENERAL INFORMATION:
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2931
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2931

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 881 ACTGTGGACATCATCAAC 900
      ||| ||||| ||||| |||
Db 1 ACTGCTGCAACATCATCATC 20

RESULT 1038
US-10-316-755-147/c
; Sequence 147, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
; FILE REFERENCE: ETS-0381
; CURRENT APPLICATION NUMBER: US/10/316,755
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 277
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-755-147

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1452 TCCATTCTTCTCAGTCTGG 1471
      ||| ||||| ||||| |||
Db 20 TCCATGCTGCTTGGTCTGG 1

RESULT 1039
US-10-317-391-35
; Sequence 35, Application US/10317391
; Publication No. US20040115634A1
; GENERAL INFORMATION:
; APPLICANT: William R. Shanahan, Jr.
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF STAT 6 EXPRESSION
; FILE REFERENCE: PVS-0010
; CURRENT APPLICATION NUMBER: US/10/317,391
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-391-35

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

1560 GTCGATGCTGACTCAGGCA 1579
|||||
1 GTCACCTGGCTGCTCAGGCA 20

SULT 1040

-10-317-391-103/c
Sequence 103, Application US/10317391
Publication No. US20040115634A1
GENERAL INFORMATION:
APPLICANT: William R. Shanahan, Jr.
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF STAT 6 EXPRESSION
FILE REFERENCE: PTS-0010
CURRENT APPLICATION NUMBER: US/10/317,391
NUMBER OF SEQ ID NOS: 138
SEQUENCE ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-10-317-391-103

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1560 GTCGATGCTGACTCAGGCA 1579
|||||
20 GTCACCTGGCTGCTCAGGCA 1

SULT 1041

-10-319-893-77/c
Sequence 77, Application US/10319893
Publication No. US20040115649A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS5 EXPRESSION
FILE REFERENCE: RTS-0419
CURRENT APPLICATION NUMBER: US/10/319,893
CURRENT FILING DATE: 2002-12-12
NUMBER OF SEQ ID NOS: 157
SEQUENCE ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-319-893-77

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1381 GCCGACCTCCTCACCAGCT 1400
|||||
20 GCCGACCTCCGAAGCAACT 1

SULT 1042

-10-319-893-150
Sequence 150, Application US/10319893
Publication No. US20040115649A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS5 EXPRESSION
FILE REFERENCE: RTS-0419
CURRENT APPLICATION NUMBER: US/10/319,893
CURRENT FILING DATE: 2002-12-12
NUMBER OF SEQ ID NOS: 157
SEQUENCE ID NO 150

; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-319-893-150

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1381 GCCGACCTCCTCACCAGCT 1400
|||||
DB 1 GCCGACCTCCGAAGCAACT 20

RESULT 1043

US-10-319-915-130
; Sequence 130, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-130

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 576 TGTCAGCCTATCTGAGATTG 595
|||||
DB 1 TTTCACCATCTCTGAGATTG 20

RESULT 1044

US-10-319-915-251/c
; Sequence 251, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 251
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-319-915-251

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 576 TGTCAGCCTATCTGAGATTG 595
|||||
DB 20 TTTCACCATCTCTGAGATTG 1

RESULT 1045

US-10-477-435-16
; Sequence 16, Application US/10477435


```
; Publication No. US2004011568A1
; GENERAL INFORMATION:
; APPLICANT: SLOAN-KETERING INSTITUTE FOR CANCER RESEARCH
; APPLICANT: Cheung, Irene Y.
; APPLICANT: Cheung, Nai-Kong V.
; TITLE OF INVENTION: Detection of G2D Synthase mRNA And Uses Thereof
; FILE REFERENCE: 652-A-PCT
; CURRENT APPLICATION NUMBER: US/10/477,435
; CURRENT FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: US 60/290,527
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: (1)..(20)
; OTHER INFORMATION: BAGE forward primer
US-10-477-435-16

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCGACTGA 251
Db 1 GATGGTGGTGGCAACAGAGA 20

RESULT 1046
US-10-467-126-29
; Sequence 29, Application US/10467126
; Publication No. US20040121973A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT A
; FILE REFERENCE: ISPH-0747
; CURRENT APPLICATION NUMBER: US/10/467,126
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: PCT/US02/03948
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 09/780,049
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-126-29

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 51 AGCAGTGTGACTGCTGAAC 70
Db 1 AGCAGTGTAACTGTTCAAC 20

RESULT 1047
US-10-671-395-339/c
; Sequence 339, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 339
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-339

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 503 CTCAGGGCTACCTGGAGAAG 522
Db 20 CCGTGGCTACCTGGGAAG 1

RESULT 1048
US-10-671-395-656
; Sequence 656, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 656
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-656

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 235 GGTGGTGGCGGCGAGTGACCC 254
Db 1 GCGGAGGCTGCAGTGAGCC 20

RESULT 1049
US-10-671-395-783
; Sequence 783, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
```

PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 783
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-783

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

232 GGTGGTGGTGGCGCAGTGA 251
|||||
1 GGAGCGGAGGCTGCAGTGA 20

SULT 1050
-10-671-395-828
Sequence 828, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 828
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-828

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

397 GAGGTGCAGTCTCCAGTGAG 416
|||||
1 GAGGCGGAGGCTGCAGTGAG 20

SULT 1051
-10-671-395-971/c
Sequence 971, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 971
LENGTH: 20
TYPE: DNA
ORGANISM: artificial

FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-971

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1431 CGCAGGATGCCATGAAC 1450
|||||
Db 20 CCCCAGGATGCCCTGAGAC 1

RESULT 1052
US-10-181-174B-55/c
Sequence 55, Application US/10181174B
Publication No. US20040132674A1
GENERAL INFORMATION:
APPLICANT: RESKE-KUNZ, A.B.
APPLICANT: ROSS, XIAOLAN
APPLICANT: ROSS, RALF
APPLICANT: BROS, MATTHIAS
TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN
DENDRITIC CELLS AND USES THEREOF
FILE REFERENCE: VOS-38
CURRENT APPLICATION NUMBER: US/10/181,174B
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: P 100 01 169.1
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: P 100 10 188.7
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: primer
US-10-181-174B-55

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1631 CCAGCAGCGCAGCGCTGGAG 1650
|||||
Db 20 CCAGGAGCGGAGGCTGCAG 1

RESULT 1053
US-10-346-268-32/c
Sequence 32, Application US/10346268
Publication No. US20040137441A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Doble
APPLICANT: Ravi Jain
TITLE OF INVENTION: MODULATION OF THYROID HORMONE RECEPTOR INTERACTOR 3 EXPRESSION
FILE REFERENCE: PTS-0076
CURRENT APPLICATION NUMBER: US/10/346,268
CURRENT FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 200
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-346-268-32

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 907 AACGTGAACGTGTCCTGTT 926
| | | | | | | | | | | | | | | | | |
Db 20 ACCCTGAACACTGCTCTGTT 1

RESULT 1054

US-10-789-113-3/c
; Sequence 3, Application US/10789113
; Publication No. US20040142900A1
; GENERAL INFORMATION:
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: Normand, Nadia Michelle
; APPLICANT: Brewis, Neil Douglas
; APPLICANT: Phelan, Anne
; TITLE OF INVENTION: Uses of Transport Proteins
; FILE REFERENCE: 5759-56969
; CURRENT APPLICATION NUMBER: US/10/789,113
; PRIOR FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: US/09/747,772
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-10-789-113-3

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
| | | | | | | | | | | | | | | | | |
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 1055

US-10-789-113-4/c
; Sequence 4, Application US/10789113
; Publication No. US20040142900A1
; GENERAL INFORMATION:
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: Normand, Nadia Michelle
; APPLICANT: Brewis, Neil Douglas
; APPLICANT: Phelan, Anne
; TITLE OF INVENTION: Uses of Transport Proteins
; FILE REFERENCE: 5759-56969
; CURRENT APPLICATION NUMBER: US/10/789,113
; PRIOR FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: US/09/747,772
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-10-789-113-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
| | | | | | | | | | | | | | | | | |
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 1056

US-10-777-838-2/c
; Sequence 2, Application US/10777838
; Publication No. US20040162259A1
; GENERAL INFORMATION:
; APPLICANT: Wedel, Mark K.
; APPLICANT: Miner, Philip B.
; TITLE OF INVENTION: Compositions and Methods for Treatment of Pouchitis
; FILE REFERENCE: ISIC0008-100
; CURRENT APPLICATION NUMBER: US/10/777,838
; PRIOR FILING DATE: 2004-02-12
; PRIOR APPLICATION NUMBER: 60/518,053
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/477,215
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 53
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-777-838-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
| | | | | | | | | | | | | | | | | |
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 1057

US-10-727-109-1/c
; Sequence 1, Application US/10727109
; Publication No. US20040171044A1
; GENERAL INFORMATION:
; APPLICANT: PHOGEN, LIMITED
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: Normand, Nadia Michelle
; TITLE OF INVENTION: DELIVERY OF SUBSTANCES TO CELLS
; FILE REFERENCE: 5759-54451
; CURRENT APPLICATION NUMBER: US/10/727,109
; PRIOR FILING DATE: 2003-12-02
; PRIOR APPLICATION NUMBER: US/09/522,278B
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: GB 9930499.0
; PRIOR FILING DATE: 1999-12-24
; PRIOR APPLICATION NUMBER: GB 9905444.7
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-727-109-1

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
| | | | | | | | | | | | | | | | | |
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 1058

US-10-727-109-6/c
; Sequence 6, Application US/10727109

```
Publication No. US20040171044A1
GENERAL INFORMATION:
APPLICANT: PHOGEN, LIMITED
APPLICANT: O'Hare, Peter Francis Joseph
APPLICANT: Normand, Nadia Michelle
TITLE OF INVENTION: DELIVERY OF SUBSTANCES TO CELLS
FILE REFERENCE: 5759-54451
CURRENT APPLICATION NUMBER: US/10/727,109
CURRENT FILING DATE: 2003-12-02
PRIOR APPLICATION NUMBER: US/09/522,278B
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: GB 9930499.0
PRIOR FILING DATE: 1999-12-24
PRIOR APPLICATION NUMBER: GB 9905444.7
PRIOR FILING DATE: 1999-03-10
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-727-109-6

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

226 GAGAGTGGTGGTGGCGG 245
20 GAGAGGGGAAGTGGTGGCG 1
||||| ||| ||||| |||

SULT 1059
-10-727-109-9/c
Sequence 9, Application US/10727109
Publication No. US20040171044A1
GENERAL INFORMATION:
APPLICANT: PHOGEN, LIMITED
APPLICANT: O'Hare, Peter Francis Joseph
APPLICANT: Normand, Nadia Michelle
TITLE OF INVENTION: DELIVERY OF SUBSTANCES TO CELLS
FILE REFERENCE: 5759-54451
CURRENT APPLICATION NUMBER: US/10/727,109
CURRENT FILING DATE: 2003-12-02
PRIOR APPLICATION NUMBER: US/09/522,278B
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: GB 9930499.0
PRIOR FILING DATE: 1999-12-24
PRIOR APPLICATION NUMBER: GB 9905444.7
PRIOR FILING DATE: 1999-03-10
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-727-109-9

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

226 GAGAGTGGTGGTGGCGG 245
20 GAGAGGGGAAGTGGTGGCG 1
||||| ||| ||||| |||

Publication No. US20040171044A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0762
; CURRENT APPLICATION NUMBER: US/10/641,455A
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: US 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-641-455A-75

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1153 GACATGTGGGTGGGCTG 1172
DB 20 GACATCTGGTCTGTGGCCTG 1
||||| ||| ||||| |||

RESULT 1061
US-10-629-313-28/c
Sequence 28, Application US/10629313
Publication No. US20040176572A1
GENERAL INFORMATION:
APPLICANT: Nelson B. Freimer
APPLICANT: Hong Chen
APPLICANT: Victor I. Reus
APPLICANT: Susan K. Service
APPLICANT: Lynne Alison McInnes
APPLICANT: Pedro Leon
APPLICANT: Lodewijk Sandkuijl
TITLE OF INVENTION: Method and Compositions for Diagnosing and Treating Chromosome-18
; FILE REFERENCE: UCAL-154CIP5
; CURRENT APPLICATION NUMBER: US/10/629,313
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: 09/722,544
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/631,275
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: 09/268,992
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/236,134
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/078,044
; PRIOR FILING DATE: 1998-03-16
; PRIOR APPLICATION NUMBER: 60/088,312
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/106,056
; PRIOR FILING DATE: 1998-10-28
; NUMBER OF SEQ ID NOS: 165
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
```

```
LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-629-313-28

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 156 GTCAATGACACTCCGAGGTG 175
||| ||| ||| ||| ||| |||
Db 20 GTCCATGAACCTTGAGGTG 1

RESULT 1062
US-10-296-450A-82/c
; Sequence 82, Application US/10296450A
; Publication No. US20040180338A1
; GENERAL INFORMATION:
; APPLICANT: JULIER, CECILE
; APPLICANT: DELEPINE, MARC
; TITLE OF INVENTION: MUTATED EUKARIOTIC TRANSLATION INITIATION FACTOR 2 ALPHA KINASE 3
; TITLE OF INVENTION: EIP2AK3, IN PATIENTS WITH NEONATAL INSULIN-DEPENDENT DIABETES
; TITLE OF INVENTION: AND MULTIPLE EPIPHYSEAL DYSPLASIA (WOLCOTT-RALLISON SYNDROME)
; FILE REFERENCE: 065691/0301
; CURRENT APPLICATION NUMBER: US/10/296,450A
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: PCT/IB01/01153
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: EP 00401436.1
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: EP 00402707.4
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 132
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-296-450A-82

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 532 AATAGCCCACTCTTGACAA 551
||| ||| ||| ||| ||| |||
Db 20 AATAGCCCGCTTTAACTA 1

RESULT 1063
US-10-723-940-13/c
; Sequence 13, Application US/10723940
; Publication No. US20040185468A1
; GENERAL INFORMATION:
; APPLICANT: Leonard, Sherry
; APPLICANT: Freeman, Robert
; TITLE OF INVENTION: Promoter Variants in the Alpha-7 Nicotinic Acetylcholine Receptor
; FILE REFERENCE: VARD-07989
; CURRENT APPLICATION NUMBER: US/10/723,940
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 08/956,518
; PRIOR FILING DATE: 1997-10-23
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-723-940-13

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 218 GCCTGGATGAGACTGGTGGT 237
||| ||| ||| ||| ||| |||
Db 20 GTCTGTATGGTAGTGGTGGT 1

RESULT 1064
US-10-394-808-57
; Sequence 57, Application US/10394808
; Publication No. US20040185559A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 1 EXPRESSION
; FILE REFERENCE: BIOLO000305
; CURRENT APPLICATION NUMBER: US/10/394,808
; CURRENT FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 152
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-394-808-57

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 481 CTACCGCTGACATCCGGCT 500
||| ||| ||| ||| ||| |||
Db 1 CTCCCAGCTGGCATCAGACT 20

RESULT 1065
US-10-394-808-125/c
; Sequence 125, Application US/10394808
; Publication No. US20040185559A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 1 EXPRESSION
; FILE REFERENCE: BIOLO000305
; CURRENT APPLICATION NUMBER: US/10/394,808
; CURRENT FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 152
; SEQ ID NO 125
; LENGTH: 20
; TYPE: RNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-394-808-125

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 481 CTACCGCTGACATCCGGCT 500
||| ||| ||| ||| ||| |||
Db 20 CTCCCAGCTGGCATCAGACT 1

RESULT 1066
```

-10-056-414-320
Sequence 320, Application US/10056414
Publication No. US20030003469A1
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
Draper, Kenneth G.
McSwiggen, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
NF-KB

NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

APPLICATION DATA:
FILING DATE: 23-Jan-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 320:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 320:

-10-056-414-320

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 5.8e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

539 CCACTTTTGACAGC 553
||||:|||||
1 CCAUCUUUGACAAUC 15

SULT 1067

-10-043-875-413
Sequence 413, Application US/10043875
Publication No. US20030054339A1
GENERAL INFORMATION:

APPLICANT: De Smet, Koenraad
Stuyver, Lieve

TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse
TITLE OF INVENTION: Transcristase Gene
FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)

CURRENT APPLICATION NUMBER: US/10/043,875
CURRENT FILING DATE: 2002-04-03
PRIOR APPLICATION NUMBER: 60/286,102
PRIOR FILING DATE: 2001-04-24
PRIOR APPLICATION NUMBER: EP 01870085.6
PRIOR FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: EP 01870005.4
PRIOR FILING DATE: 2001-01-11
NUMBER OF SEQ ID NOS: 884
SOFTWARE: PatentIn version 3.1
SEQ ID NO 413
LENGTH: 15
TYPE: DNA
ORGANISM: Human immunodeficiency virus
US-10-043-875-413

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 867 GCAGTACCTGGATGA 881
|||||
DB 1 GCAGTACGTGGATGA 15

RESULT 1068

US-10-418-182-194
Sequence 194, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:

APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551-2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 194
LENGTH: 15
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-418-182-194

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGG 245
|||||
DB 1 TGGTGGTGGTGGTGG 15

RESULT 1069

US-10-138-674-4075/c
Sequence 4075, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MRHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4075
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4075

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1501 ACTTCCATATTGCA 1515
| ||||| ||||| |||||
DB 15 ATTTCATATTGCA 1

RESULT 1070

US-10-287-949A-4075/c
; Sequence 4075, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4075
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-4075

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1501 ACTTCCATATTGCA 1515
| ||||| ||||| |||||
DB 15 ATTTCATATTGCA 1

RESULT 1071

US-10-138-674-6994/c
; Sequence 6994, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6994
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6994

Query Match 0.8%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1054 AAGTCAATCCCAACA 1068
| ||||| ||||| |||||
DB 15 AAGTCAATCCCAACA 1

RESULT 1072

US-10-287-949A-6994/c
; Sequence 6994, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6994
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6994

Query Match 0.8%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1054 AAGTCAATCCCAACA 1068
| ||||| ||||| |||||
DB 15 AAGTCAATCCCAACA 1

RESULT 1073

US-09-866-108-66/c
; Sequence 66, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 66
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-866-108-66

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1181 ATGAGTGGCCACAG 1195
|||||
17 ATGAGTGGACACAG 3

RESULT 1074
-09-866-108-67/c
Sequence 67, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 67
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-67

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 ATGAGTGGCCACAG 1195
|||||
DB 16 ATGAGTGGACACAG 2

RESULT 1075
US-09-866-108-68/c
Sequence 68, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 68
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-68

Query Match 0.8%; Score 13.4; DB 1; Length 17;

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 8898
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-866-108-8898

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

165 ACTCGAGGTGCGCG 179
|||||
15 ACTCGAGGTGCGCG 1

RESULT 1079
-09-827-998-546
Sequence 546, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 546
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-827-998-546

TITLE OF INVENTION: HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 546
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-827-998-546

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 289 CTTGCTTCTGCGCG 303
|||||
Db 1 CTTGCTTCTGCGCG 15

RESULT 1080
US-09-263-959-904/c
; Sequence 904, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 904:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-904

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGG 245
|||||
Db 17 TGGTGGTGGTGGCGG 3

RESULT 1081
US-09-864-785-408/c
; Sequence 408, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785

```
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-408

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 ATCAACGGCAGCTG 156
   ||||| ||||| |||||
DQ 16 ATCAACTGCAGCTG 2

RESULT 1082
US-09-864-785-1593/c
; Sequence 1593, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1593
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1593

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 ATCAACGGCAGCTG 156
   ||||| ||||| |||||
DQ 15 ATCAACTGCAGCTG 1

RESULT 1083
US-09-864-785-2740
; Sequence 2740, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2740

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 539 CCATCTTGCACAGC 553
   ||||| ||||| |||||
DQ 1 CCACUUTUGACAUC 15

RESULT 1084
US-09-825-805-437/c
; Sequence 437, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 437
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-437

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGG 941
   ||||| ||||| |||||
DQ 16 CCAGCTGCACCGTGG 2

RESULT 1085
US-09-825-805-503
; Sequence 503, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
```

FILE REFERENCE: MBHB00-831-F (400/009)
CURRENT APPLICATION NUMBER: US/09/825,805
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 09/578,223
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR FILING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1558
SOFTWARE: PatentIn version 3.0
SEQ ID NO 503
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-825-805-503

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

49 CCAGCAGTGTGACTG 63
|||||:|:|:|:
3 CCAGCUGUGACUG 17

SULT 1086
-09-927-046-338
Sequence 338, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channel-1
FILE REFERENCE: 249/021
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: PatentIn version 3.0
SEQ ID NO 338
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-927-046-338

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 6.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

673 AGCAGCTCAGAC 687
1 AGCAAGCUCACAAAC 15
|||||:|:|:|:

SULT 1087
-09-927-046-810
Sequence 810, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channel-1
FILE REFERENCE: 249/021
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: PatentIn version 3.0
SEQ ID NO 810
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-927-046-810

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1577 GCAGCCAGCTTTC 1591
|||||:|:|:|:
Db 2 GCAGCCAGCUUUC 16

RESULT 1088
US-09-927-046-1189
Sequence 1189, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channel-1
FILE REFERENCE: 249/021
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1189
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-927-046-1189

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 146 AACGCGAGCTGCAA 160
|||||:|:|:|:
Db 3 AACUGCAGCUGCAA 17

RESULT 1089
US-09-927-046-1190
Sequence 1190, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave

```
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1190
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1190

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 147 ACGGACGCTGCTCAAT 161
DB 1 ACUGGACGCUUUAU 15

RESULT 1090
US-09-927-046-1237
; Sequence 1237, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1237
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1237

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.8%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 604 AAACGGGAGACCTAC 618
DB 3 AAACUUGAGACCUAC 17

RESULT 1091
US-09-927-046-1500
; Sequence 1500, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
```

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; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1500
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1500

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1577 GCAGGCCAGCTTTCC 1591
DB 1 GCAGGCCAGCUUUC 15

RESULT 1092
US-09-927-046-1553
; Sequence 1553, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1553
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1553

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 6.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 672 AAGCAAGCTCACAGA 686
DB 3 AAGCAAGCUCACAA 17

RESULT 1093
US-09-927-046-1662
; Sequence 1662, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1662
```

```
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-877-046-1662

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

605 AACTGGAGACTACA 619
||: |||||: |||
1 AACUUGAGACCUACA 15

SULT 1094
-09-877-478-791
Sequence 791, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBHB00-845-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 791
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
-09-877-478-791

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

1390 CTCACCAAGCTGTTG 1404
3 CUCACCAACCUUG 17

SULT 1095
-09-877-478-1863
Sequence 1863, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBHB00-845-H (400/029)
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; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1863
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1863

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      1390 CTCACCAAGCTGTTG 1404
DB      2 CUCACCAACCUUG 16

RESULT 1096
US-09-877-478-2272/c
; Sequence 2272, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2272
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2272
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Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCCATCTTT 546
DB 17 AATATCCCCCATCTTT 3

RESULT 1097
US-09-877-478-2273/c
; Sequence 2273, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2273
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2273

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCCATCTTT 546
DB 16 AATATCCCCCATCTTT 2

RESULT 1098
US-09-877-478-2274/c
; Sequence 2274, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
```

```
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2274
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2274

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCCATCTTT 546
DB 15 AATATCCCCCATCTTT 1

RESULT 1099
US-09-848-754A-301
; Sequence 301, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 301
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-301

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 989 CCCAGAACCTGCTCA 1003
DB 3 CCCAGUACCGCUCA 17

RESULT 1100
US-09-848-754A-1870
; Sequence 1870, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1870
; LENGTH: 17
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```
TYPE: RNA
ORGANISM: Homo sapiens
-09-848-754A-1870

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1627 GGCCCCCAGCGCGG 1641
|||||
3 GGCCCCCAGCGCGCG 17

SULT 1101
-09-848-754A-2634
Sequence 2634, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
FILE REFERENCE: MEHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2634
LENGTH: 17

TYPE: RNA
ORGANISM: Homo sapiens
-09-848-754A-2634

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1627 GGCCCCCAGCGCGG 1641
|||||
2 GGCCCCCAGCGCGCG 16

SULT 1102
-09-930-423-747/c
Sequence 747, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MEHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 747
LENGTH: 17

TYPE: RNA
ORGANISM: Homo Sapiens
-09-930-423-747

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

875 TGGATGACTGTGGGA 889
|||||
17 TGGATGACTGTGAGA 3

SULT 1103
-09-930-423-799/c
Sequence 799, Application US/09930423
Publication 799, Application US/09930423
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MEHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 799
LENGTH: 17

TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-799

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

721 CATGAAGAGGGCGCA 735
|||||
17 CATGAAGAGGGCGCA 3

RESULT 1104
US-09-930-423-800/c
Sequence 800, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MEHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 800
LENGTH: 17

TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-800

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

721 CATGAAGAGGGCGCA 735
|||||
16 CATGAAGAGGGCGCA 2

RESULT 1105
US-09-930-423-1289/c
Sequence 1289, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MEHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1289
LENGTH: 17

TYPE: RNA
ORGANISM: Homo Sapiens
```


US-09-930-423-1289

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 TGGATGACTGTGGCA 889
|||||
DB 16 TGGATGACTGTGAGA 2

RESULT 1106

US-09-780-164-630/c
; Sequence 630, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164

; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 630

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-630

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 396 TGAGGTGCAGTCTCC 410
|||||
DB 17 TCAGGTGCAGTCTCC 3

RESULT 1107

US-09-780-164-631/c
; Sequence 631, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010

; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 631

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-631

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 395 ATCAGGTGCAGTCTC 409
|||||
DB 15 ATCAGGTGCAGTCTC 1

RESULT 1108

US-09-740-332-651/c
; Sequence 651, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332

; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 651

; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-651

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGCCATGAA 1448
|||||
DB 17 AGAGGATGCCATGCA 3

RESULT 1109

US-09-740-332-3903
; Sequence 3903, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332

; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3903

; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3903

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1432 GCAGAGGATGCCATG 1446
|||||
DB 2 GGAGAGGAUGCCCAUG 16

RESULT 1110

US-09-740-332-3904
; Sequence 3904, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003

CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3904
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-740-332-3904

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
1434 AGAGGATGCCATGAA 1448
|||||:||||:|
2 AGAGGAUGCCAGCA 16

SULT 1111
-09-745-237A-747/c
Sequence 747, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MBH00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 747
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-745-237A-747

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
875 TGGATGACTGTGGGA 889
|||||:|||||
17 TGGATGACTGTGAGA 3

SULT 1112
-09-745-237A-799/c
Sequence 799, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MBH00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 799
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-745-237A-799
Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 721 CATGAAGAGGGCGCA 735
|||||:|||||
DB 17 CATGAAGAGGGCGCA 3
RESULT 1113
US-09-745-237A-800/c
Sequence 800, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MBH00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 800
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-800

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 721 CATGAAGAGGGCGCA 735
|||||:|||||
DB 16 CATGAAGAGGGCGCA 2

RESULT 1114
US-09-745-237A-1289/c
Sequence 1289, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MBH00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1289
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1289

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 875 TGGATGACTGTGGGA 889
|||||:|||||
DB 16 TGGATGACTGTGAGA 2

RESULT 1115
US-09-817-879-651/c
Sequence 651, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

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; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MH000-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 651
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-651

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGCCATGAA 1448
DB 17 AGAGGATGCCATGCA 3

RESULT 1116
US-09-817-879-3903
; Sequence 3903, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH000-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3903
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3903

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1432 GCAGAGGATGCCATG 1446
DB 2 GGAGAGGAUGCCCAUG 16

RESULT 1117
US-09-817-879-3904
; Sequence 3904, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH000-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3904
; LENGTH: 17
; TYPE: RNA
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```
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3904

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGCCATGAA 1448
DB 2 AGAGGAUGCCAUGCA 16

RESULT 1118
US-10-020-038-6/c
; Sequence 6, Application US/10020038
; Publication No. US20020156247A1
; GENERAL INFORMATION:
; APPLICANT: Ellledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
; FILE REFERENCE: 120541-1013
; CURRENT APPLICATION NUMBER: US/10/020,038
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US/09/488,364
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-020-038-6

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGCC 1047
DB 17 GACTTTGGCCTGTCC 3

RESULT 1119
US-10-060-756A-62/c
; Sequence 62, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
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PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 62
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-060-756A-62

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

41 CAGGAGGACACGAG 55
|||||
17 CAGGAGGACACGAG 3

SULT 1120
-10-060-756A-65/c
Sequence 65, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 65
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-060-756A-65

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

40 GCAGGAGGACACGCA 54
|||||
15 GCAGGAGGACACGCA 1

SULT 1121
-10-163-552-248
Sequence 248, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
FILE REFERENCE: HER2
FILE REFERENCE: MHB01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
```

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NUMBER OF SEQ ID NOS: 1997
SOFTWARE: PatentIn version 3.0
SEQ ID NO 248
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-163-552-248

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCAGCAGTGTGACTG 63
|||||
DB 3 CCAGCUGUGUCAGUG 17

RESULT 1122
US-10-163-552-597/c
Sequence 597, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
FILE REFERENCE: HER2
FILE REFERENCE: MHB01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: PatentIn version 3.0
SEQ ID NO 597
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-163-552-597

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGG 941
|||||
DB 16 CCAGCTGCACCGTGG 2

RESULT 1123
US-10-156-306-4452/c
Sequence 4452, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
FILE REFERENCE: Levels of IKK-Gamma and PKR
FILE REFERENCE: MHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4452
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-4452

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 30 GCAGAGGTAGGCAGG 44
|||||
DB 16 GGAGAGGTAGGCAGG 2
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5037
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5037

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 32 AGAGGTAGGCGAGG 46
DB 16 AGAGGTAGGCGAGG 2

RESULT 1125
US-10-156-306-5923/c
; Sequence 5923, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Levels
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5923
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5923

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 32 AGAGGTAGGCGAGG 46
DB 16 AGAGGTAGGCGAGG 2

RESULT 1125
US-10-156-306-5923/c
; Sequence 5923, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Levels
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5923
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5923

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 923 TGTTCCAGCTGCTCC 937
DB 17 TGTTCCAGCTGCTCC 3

RESULT 1126
US-10-156-306-7022/c
; Sequence 7022, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Levels
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7022
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7022

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTC 936
DB 15 CTGTTCCAGCTGCTC 1

RESULT 1127
US-10-238-700-2910/c
; Sequence 2910, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levels
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2910
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2910

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 80 GGCCCGCGGCTCTG 94
DB 16 GGCCCGCGGCTCTG 2

RESULT 1128
US-10-238-700-3438/c
; Sequence 3438, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levels
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3438
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3438

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
752 GGGAGTGTCCCTGC 766
||| ||||| |||||
17 GGGAGTGTCCCTGC 3
SULT 1129
-10-238-700-3439/c
Sequence 3439, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MBH01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3439
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-10-238-700-3439
Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
752 GGGAGTGTCCCTGC 766
||| ||||| |||||
15 GGGAGTGTCCCTGC 1
SULT 1130
-10-061-201-977
Sequence 977, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 977
LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-977
Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1242 CATCTCCGTATCTT 1256
||| ||||| |||||
DB 3 CATCTCCGTATCTT 17
RESULT 1131
US-10-061-201-978
; Sequence 978, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 978
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-978
Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1242 CATCTCCGTATCTT 1256
||| ||||| |||||
DB 2 CATCTCCGTATCTT 16
RESULT 1132
US-10-061-201-979
; Sequence 979, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 979
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-979

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1242 CATCTTCGATCTT 1256
    ||||| |||||
    1 CATCTTCCTCTCTT 15

Db

RESULT 1133
US-10-061-201-1804/c
; Sequence 1804, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1804
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1804

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1451 ATCCATTCCTCTCA 1465
    ||||| |||||
    16 ATCCATTCCTCTCA 2

Db

RESULT 1135
US-10-061-201-1806/c
; Sequence 1806, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1804
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1806
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Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1451 ATCCATTCCTCTCA 1465
    ||||| |||||
    17 ATCCATTCCTCTCA 3

Db

RESULT 1134
US-10-061-201-1805/c
; Sequence 1805, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1805
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1805

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1451 ATCCATTCCTCTCA 1465
    ||||| |||||
    16 ATCCATTCCTCTCA 2

Db

RESULT 1135
US-10-061-201-1806/c
; Sequence 1806, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1806
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1806
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aesomica Sequence Listing Engine
SEQ ID NO 1806
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-061-201-1806

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1451 ATCCATCTTCTCA 1465
|||||||
15 ATCCATCTTCTCA 1

SULT 1136
-10-342-902-791
Sequence 791, Application US/10342902
Publication No. US20040054156A1

GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBH00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1993-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 791
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
-10-342-902-791

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

1390 CTCACCAAGCTGTG 1404
|:||||| |:|:
3 CUCACCAACCCUGUG 17

RESULT 1137
US-10-342-902-1863
; Sequence 1863, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1863
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-1863
Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
QY 1390 CTCACCAAGCTGTG 1404
|:||||| |:|:
Db 2 CUCACCAACCCUGUG 16
RESULT 1138
US-10-342-902-2272/c
; Sequence 2272, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430

PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2272
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-10-342-902-2272

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
|||||
DB 17 AATATCCCCATCTTT 3

RESULT 1139
US-10-342-902-2273/c
Sequence 2273, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBH00-845-I)
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US/10/342,902
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2273
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-10-342-902-2273

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
|||||
DB 16 AATATCCCCATCTTT 2

RESULT 1140
US-10-342-902-2274/c
Sequence 2274, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBH00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2274
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-10-342-902-2274

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
|||||
DB 15 AATATCCCCATCTTT 1

RESULT 1141
US-10-675-685-546
Sequence 546, Application US/10675685
Publication No. US20040063134A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

FILE REFERENCE: PB0114
CURRENT APPLICATION NUMBER: US/10/675,685
CURRENT FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 546
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-675-685-546

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 289 CTTTCGTTCTGCACGG 303
|||||
DB 1 CTTTCGTTCTGCACGG 15

RESULT 1142
US-10-138-674-474/c
Sequence 474, Application US/10138674
Publication No. US2004007565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 474
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-10-138-674-474

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1501 ACTTCCATATTGCA 1515
|||||
16 ATTCCATATTGCA 2

SULT 1143
-10-138-674-1988
Sequence 1988, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1988
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-10-138-674-1988

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 6.6e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

1032 TGACTTTGGCCTGGC 1046
|||||
3 UGACUUUGGCUUGGC 17

SULT 1144
-10-138-674-4764/c
Sequence 4764, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
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; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4764
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4764

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1504 TCCATATTGCACTA 1518
|||||
Db 17 TCCATATTGCACTA 3

RESULT 1145
US-10-138-674-8569/c
; Sequence 8569, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8569
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8569

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1054 AAGTCAATCCCAACA 1068
|||||
Db 16 AAGTCAATCCCAACA 2

RESULT 1146
US-10-138-674-9266
; Sequence 9266, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9266
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-9266

Query Match          0.8%; Score 13.4; DB 1; Length 17;
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Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1518 AAAGGAGATTTCAGCT 1532
      ||||| |::|||:
Db 2 AAAGGACAUCAGCU 16

RESULT 1147
US-10-287-949A-474/c
; Sequence 474, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 474
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-474

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1501 ACTTCATATTTCGA 1515
      ||||| |::|||
Db 16 ATTTCATATTTCGA 2

RESULT 1148
US-10-287-949A-1988
; Sequence 1988, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1988
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1988

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 6.6e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCTGCG 1046
      :|||::|||:|
Db 3 UGACUUGGCUUGGC 17

RESULT 1149
```

```
US-10-287-949A-4764/c
; Sequence 4764, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4764
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-4764

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1504 TCCATATTTCAGCTA 1518
      ||||| |::|||
Db 17 TCCATATTTCAGTGA 3

RESULT 1150
US-10-287-949A-8569/c
; Sequence 8569, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8569
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8569

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1054 AAGTCATATCCCAACA 1068
      ||||| |::|||
Db 16 AAGTCATATCCCAACA 2

RESULT 1151
US-10-287-949A-9266
; Sequence 9266, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Endothelial Cells

FILE REFERENCE: MEHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 9266

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

-10-287-949A-9266

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 73.3%; Pred. No. 6.6e+02;

Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

1518 AAAGGAGATTCAGCT 1532

||||| :|||:

2 AAAGGACAUUCAGCU 16

SUIT 1152

-10-669-841-791

Sequence 791, Application US/10669841

Publication No. US20040127446A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Lawrence, Blatt

APPLICANT: Dennis, Macejak

APPLICANT: James, McSwiggen

APPLICANT: David, Morrissey

APPLICANT: Pamela, Pavco

APPLICANT: Patrice, Lee

APPLICANT: Kenneth, Draper

APPLICANT: Elisabeth, Roberts

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS WRAPPER OR PALM.

FILE REFERENCE: 400/042US (MEHB02-249-E)

CURRENT APPLICATION NUMBER: US/10/669,841

CURRENT FILING DATE: 2003-09-23

PRIOR APPLICATION NUMBER: PCT/US02/09187

PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876

PRIOR FILING DATE: 2001-06-08

PRIOR APPLICATION NUMBER: US 60/335,059

PRIOR FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: US 60/337,055

PRIOR FILING DATE: 2001-12-05

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 09/817,879

PRIOR FILING DATE: 2001-03-26

PRIOR APPLICATION NUMBER: US 09/740,332

PRIOR FILING DATE: 2000-12-18

PRIOR APPLICATION NUMBER: US 09/611,931

PRIOR FILING DATE: 2000-07-07

PRIOR APPLICATION NUMBER: US 09/504,321

PRIOR FILING DATE: 2000-02-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 16207

SOFTWARE: PatentIn version 3.0

SEQ ID NO 791

LENGTH: 17

TYPE: RNA

ORGANISM: Hepatitis B Virus

-10-669-841-791

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 66.7%; Pred. No. 6.6e+02;

Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTTG 1404

||||| :|||:

Db 3 CUCACCAACUGUUG 17

RESULT 1153

US-10-669-841-1845

Sequence 1845, Application US/10669841

Publication No. US20040127446A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Lawrence, Blatt

APPLICANT: Dennis, Macejak

APPLICANT: James, McSwiggen

APPLICANT: David, Morrissey

APPLICANT: Pamela, Pavco

APPLICANT: Patrice, Lee

APPLICANT: Kenneth, Draper

APPLICANT: Elisabeth, Roberts

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS WRAPPER OR PALM.

FILE REFERENCE: 400/042US (MEHB02-249-E)

CURRENT APPLICATION NUMBER: US/10/669,841

CURRENT FILING DATE: 2003-09-23

PRIOR APPLICATION NUMBER: PCT/US02/09187

PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876

PRIOR FILING DATE: 2001-06-08

PRIOR APPLICATION NUMBER: US 60/335,059

PRIOR FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: US 60/337,055

PRIOR FILING DATE: 2001-12-05

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 09/817,879

PRIOR FILING DATE: 2001-03-26

PRIOR APPLICATION NUMBER: US 09/740,332

PRIOR FILING DATE: 2000-12-18

PRIOR APPLICATION NUMBER: US 09/611,931

PRIOR FILING DATE: 2000-07-07

PRIOR APPLICATION NUMBER: US 09/504,321

PRIOR FILING DATE: 2000-02-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 16207

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1845

LENGTH: 17

TYPE: RNA

ORGANISM: Hepatitis B Virus

US-10-669-841-1845

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 66.7%; Pred. No. 6.6e+02;

Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTTG 1404

||||| :|||:

Db 2 CUCACCAACUGUUG 16

RESULT 1154

US-10-669-841-2075/c

Sequence 2075, Application US/10669841

Publication No. US20040127446A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Lawrence, Blatt

APPLICANT: Dennis, Macejak

APPLICANT: James, McSwiggen

APPLICANT: David, Morrissey

```
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MBH02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2075

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
Db 17 AATATCCCCATCTTT 3

RESULT 1155
US-10-669-841-2076/c
; Sequence 2076, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MBH02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2075
```

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; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2076

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
Db 16 AATATCCCCATCTTT 2

RESULT 1156
US-10-669-841-2077/c
; Sequence 2077, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MBH02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
```


APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Lawrence, Blatt

APPLICANT: Dennis, Macejak

APPLICANT: James, McSwiggen

APPLICANT: David, Morrissey

APPLICANT: Pamela, Pavco

APPLICANT: Patricia, Lee

APPLICANT: Kenneth, Draper

APPLICANT: Elisabeth, Roberts

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS C VIRUS

FILE REFERENCE: 400/042US (MBH02-249-E)

CURRENT APPLICATION NUMBER: US/10/669,841

CURRENT FILING DATE: 2003-09-23

PRIOR APPLICATION NUMBER: PCT/US02/09187

PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876

PRIOR FILING DATE: 2001-06-08

PRIOR APPLICATION NUMBER: US 60/335,059

PRIOR FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: US 60/337,055

PRIOR FILING DATE: 2001-12-05

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 09/817,879

PRIOR FILING DATE: 2001-03-26

PRIOR APPLICATION NUMBER: US 09/740,332

PRIOR FILING DATE: 2000-12-18

PRIOR APPLICATION NUMBER: US 09/611,931

PRIOR FILING DATE: 2000-07-07

PRIOR APPLICATION NUMBER: US 09/504,321

PRIOR FILING DATE: 2000-02-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 16207

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6497

LENGTH: 17

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-10-669-841-6497

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 80.8%; Pred. No. 6.6e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

RESULT 1160

US-10-723-361-66/c

Sequence 66, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 66

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-723-361-66

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 6.6e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 1161

US-10-723-361-67/c

Sequence 67, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 67
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-723-361-67

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1181 ATGAGATGCCACAG 1195
|||||
16 ATGAGATGCCACAG 2

SULT 1162
-10-723-361-68/c
Sequence 68, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 68
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-723-361-68

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1181 ATGAGATGCCACAG 1195
|||||
15 ATGAGATGCCACAG 1

RESULT 1163
US-10-723-361-8896/c
; Sequence 8896, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8896
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8896

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 165 ACTCGAGGTGCGCG 179
Db 17 ACTCGAGGTGCGCG 3

RESULT 1164
US-10-723-361-8897/c
; Sequence 8897, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25


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/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 8897
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-8897

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCCGAGGTGGCG 179
Db 16 ACTCGAGGTGGCG 2

RESULT 1165
US-10-723-361-8898/c
/ Sequence 8898, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 60/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.

/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 8897
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-8897

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCCGAGGTGGCG 179
Db 16 ACTCGAGGTGGCG 2

RESULT 1166
US-09-194-842A-11/c
/ Sequence 11, Application US/09194842A
/ Publication No. US20020110807A1
/ GENERAL INFORMATION:
/ APPLICANT: Pilarski, Linda M.
/ APPLICANT: Belch, Andrew R.
/ APPLICANT: Szczepek, Agnieszka J.
/ TITLE OF INVENTION: METHODS FOR DETECTION OF REARRANGED DNA
/ FILE REFERENCE: STI-008USCPA
/ CURRENT APPLICATION NUMBER: US/09/194,842A
/ CURRENT FILING DATE: 1999-01-04
/ PRIOR APPLICATION NUMBER: US 60/019,106
/ PRIOR FILING DATE: 1996-06-03
/ PRIOR APPLICATION NUMBER: PCT/US97/09534
/ PRIOR FILING DATE: 1997-06-03
/ NUMBER OF SEQ ID NOS: 76
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 11
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-194-842A-11

Query Match      0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 383 CCACGTCCTCGGATG 397
Db 16 CCACGTCCTCGGAGG 2

RESULT 1167
US-10-349-143-8777
/ Sequence 8777, Application US/10349143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Iliya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 8777
/ LENGTH: 18
```

TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-18179 for SEQ 912, in complete
-10-349-143-8777

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1673 CAGCCCCCACTACA 1687
|||||
3 CAGCCCTCACTACA 17

SULT 1168
-09-969-373-1566
Sequence 1566, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 1566
LENGTH: 19
TYPE: DNA
ORGANISM: Glycine max
-09-969-373-1566

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1081 AATGAGTGGTGACA 1095
|||||
4 AATGTTGGTGTGACA 18

SULT 1169
-09-818-875-4375/c
Sequence 4375, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gauper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4

; SEQ ID NO 4375
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-818-875-4375

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 CATGACATTATCCAC 816
|||||
DB 16 CAGGACATTATCCAC 2

RESULT 1170
US-10-166-218-4
; Sequence 4, Application US/10166218
; Publication No. US20030073107A1
; GENERAL INFORMATION:
; APPLICANT: JUPE, Eldon R.
; APPLICANT: THOMPSON, LINDA F.
; APPLICANT: RESTA, Regina (NMI)
; APPLICANT: DELL'ORCO, Robert T.
; TITLE OF INVENTION: Diagnostic Assay for Cancer Susceptibility
; FILE REFERENCE: 11146/09208
; CURRENT APPLICATION NUMBER: US/10/166,218
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US/09/530,976
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/064,880
; PRIOR FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: DNA primer
US-10-166-218-4

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 566 GCCTCCGTCGTGTCA 580
|||||
DB 2 GCCTCCGTCGTGTCA 16

RESULT 1171
US-10-251-117-134
; Sequence 134, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: McSwigen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580

```
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 134
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-134

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 73.3%; Pred. No. 7.4e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 356 CTGATGGGGAGAGTG 370
      |||:|||||:|
Db 2 CUGAUGGGGAGAG 16

RESULT 1172
US-10-251-117-383/c
; Sequence 383, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 383
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-383

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 356 CTGATGGGGAGAGTG 370
      |||:|||||:|
Db 18 CTGATGGGGAGATG 4

RESULT 1173
US-10-251-117-795
; Sequence 795, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
```

```
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 795
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-795

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1627 GGCCCCCAGCAGGCG 1641
      |||:|||||:|
Db 2 GGCCCCCAGCAGGCG 16

RESULT 1174
US-10-251-117-1102/c
; Sequence 1102, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1102
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-1102

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1627 GGCCCCCAGCAGGCG 1641
      |||:|||||:|
Db 18 GGCCCCCAGCAGGCG 4
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SULT 1175
-10-128-456-30/c
Sequence 30, Application US/10128456
Publication No. US20030204874A1
GENERAL INFORMATION:
APPLICANT: Korea Kumho Petrochemical Co., Ltd.
TITLE OF INVENTION: Transgenic Plants with Enhanced Stress Tolerance
FILE REFERENCE: 1942/51
CURRENT APPLICATION NUMBER: US/10/128,456
CURRENT FILING DATE: 2002-04-24
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 30
LENGTH: 19
TYPE: DNA
ORGANISM: Arabidopsis thaliana
FEATURE:
OTHER INFORMATION: PCR Primer
-10-128-456-30

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

          958 CGGCAGAGAGGTGCTA 972
          |||||
          15 CTGCAGAGGTCCTA 1

SULT 1176
-10-209-787-4375/c
Sequence 4375, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 4375
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
-10-209-787-4375

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

          802 CATGACATTATCCAC 816
          |||||
          16 CAGGACATTATCCAC 2

SULT 1177
US-10-307-005-2707/c
Sequence 2707, Application US/10307005
Publication No. US20030236208A1
GENERAL INFORMATION:
APPLICANT: University of Delaware
APPLICANT: Eric B. Kmiec
APPLICANT: Howard B. Gamper
APPLICANT: Michael C. Rice
APPLICANT: Jungsup Kim
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
FILE REFERENCE: Napro/009 PCT
CURRENT APPLICATION NUMBER: US/10/307,005
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: PCT/US01/17672
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
NUMBER OF SEQ ID NOS: 2717
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2707
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-10-307-005-2707

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

          802 CATGACATTATCCAC 816
          |||||
          16 CAGGACATTATCCAC 2

SULT 1178
US-10-261-185-4375/c
Sequence 4375, Application US/10261185
Publication No. US20040014057A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4CON
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 4375
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
-10-209-787-4375

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

          802 CATGACATTATCCAC 816
          |||||
          16 CAGGACATTATCCAC 2
```

OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Oligonucleotide

US-10-261-185-4375

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 CATGACATTATCCAC 816
||| ||||| ||||| |||||
DB 16 CAGGACATTATCCAC 2

RESULT 1179

US-10-016-248-137/c
Sequence 137, Application US/10016248
Publication No. US20040033491A1

GENERAL INFORMATION:

APPLICANT: Alsobrook et al.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-218

CURRENT APPLICATION NUMBER: US/10/016,248

PRIOR FILING DATE: 2002-09-20

PRIOR APPLICATION NUMBER: 60/254,329

PRIOR FILING DATE: 2000-12-08

PRIOR APPLICATION NUMBER: 60/291,037

PRIOR FILING DATE: 2001-05-15

PRIOR APPLICATION NUMBER: 60/255,648

PRIOR FILING DATE: 2000-12-14

PRIOR APPLICATION NUMBER: 60/297,173

PRIOR FILING DATE: 2001-06-08

PRIOR APPLICATION NUMBER: 60/309,258

PRIOR FILING DATE: 2001-07-31

PRIOR APPLICATION NUMBER: 60/326,393

PRIOR FILING DATE: 2001-10-01

PRIOR APPLICATION NUMBER: 60/315,639

PRIOR FILING DATE: 2001-08-29

NUMBER OF SEQ ID NOS: 167

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 137

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide

OTHER INFORMATION: primer

US-10-016-248-137

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1391 TCACCAAGTGTGTC 1405
||| ||||| ||||| |||||
DB 15 TCACCATGCTGTGTC 1

RESULT 1180

US-10-444-795B-355

Sequence 355, Application US/10444795B

Publication No. US2004007574A1

GENERAL INFORMATION:

APPLICANT: Klinghoffer, Richard

APPLICANT: Lewis, Stephen Patrick

TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL

TITLE OF INVENTION: TRANSDUCTION BY RNA INTERFERENCE

FILE REFERENCE: 200125.449

CURRENT APPLICATION NUMBER: US/10/444,795B

CURRENT FILING DATE: 2003-05-23

NUMBER OF SEQ ID NOS: 842

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 355

LENGTH: 19

TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Small interfering RNA
US-10-444-795B-355

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 7.4e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 973 CACCGAGACCTCAAG 987
||| ||||| ||||| |||||
DB 3 CACCAAGACCUCAAG 17

RESULT 1181

US-10-469-552-10/c

Sequence 10, Application US/10469552

Publication No. US2004017111A1

GENERAL INFORMATION:

APPLICANT: Immunogenics AG

TITLE OF INVENTION: Polypeptide of a p53-Protein-Specific Murine Alpha/Beta T-Cell Receptor

FILE REFERENCE: 03-831

CURRENT APPLICATION NUMBER: US/10/469,552

CURRENT FILING DATE: 2003-08-29

PRIOR APPLICATION NUMBER: DE 101 09 855.3

PRIOR FILING DATE: 2001-03-01

NUMBER OF SEQ ID NOS: 14

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 10

LENGTH: 19

TYPE: DNA

ORGANISM: Mus musculus

US-10-469-552-10

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1173 CATCTTCTATGAGAT 1187
||| ||||| ||||| |||||
DB 17 CATCTTCTATGAGAT 3

RESULT 1182

US-10-017-621-81

Sequence 81, Application US/10017621

Publication No. US20030138952A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

FILE REFERENCE: RTS-0350

CURRENT APPLICATION NUMBER: US/10/017,621

CURRENT FILING DATE: 2001-12-07

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 81

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-017-621-81

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1565 TGCCTGACTCAGGCA 1579
||| ||||| ||||| |||||
DB 4 TGCCTGACTCAGGCA 18

```
SULT 1183
-10-159-856-69/c
Sequence 69, Application US/10159856
Publication No. US20030228689A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0365
CURRENT APPLICATION NUMBER: US/10/159,856
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-159-856-69

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1027 CTGGCTGACTTTGGC 1041
|||||
15 CTGGCTGAGTTTGGC 1

SULT 1184
-10-159-856-123
Sequence 123, Application US/10159856
Publication No. US20030228689A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0365
CURRENT APPLICATION NUMBER: US/10/159,856
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 123
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-159-856-123

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1027 CTGGCTGACTTTGGC 1041
|||||
6 CTGGCTGAGTTTGGC 20

SULT 1185
-09-754-167-52/c
Sequence 52, Application US/09754167
Patent No. US20010019328A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 1 EXPRESSION
FILE REFERENCE: RTS-0140
CURRENT APPLICATION NUMBER: US/09/754,167
CURRENT FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-754-167-52

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      844 GAGTACCTGGACAAG 858
Db      20 GAGTACCTGGAGAAG 6
|||||

RESULT 1186
US-09-791-942-26
; Sequence 26, Application US/09791942
; Patent No. US20020147166A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0099
; CURRENT APPLICATION NUMBER: US/09/791,942
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-942-26

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1537 AAGGAGGCCAGCCTT 1551
Db      1 AAGGAAGCCAGCCTT 15
|||||
```

```
RESULT 1187
US-09-817-487A-3
; Sequence 3, Application US/09817487A
; Patent No. US20020150876A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020150876A1artis AG
; TITLE OF INVENTION: Selectable Marker Genes
; FILE REFERENCE: 4-31193A
; CURRENT APPLICATION NUMBER: US/09/817,487A
; CURRENT FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-817-487A-3

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      285 GGAACCTTCGTTCTGC 299
Db      6 GGAACCTTCGTTCTGC 20
|||||

RESULT 1188
```

```
US-09-863-049A-20
; Sequence 20, Application US/09863049A
; Publication No. US20030032055A1
; GENERAL INFORMATION:
; APPLICANT: Kenrick, Sue J.
; APPLICANT: Nelson, David L.
; APPLICANT: Aradhyia, Swaroop
; APPLICANT: D'Urso, Michele
; APPLICANT: Woffendin, Hayley
; APPLICANT: Munnich, Arnold
; APPLICANT: Smahi, Asmae
; APPLICANT: Israel, Alain
; APPLICANT: Poustka, Annemarie
; APPLICANT: Lewis, Richard A
; APPLICANT: Levy, Moise
; APPLICANT: Heiss, Nina
; TITLE OF INVENTION: Diagnosis and Treatment of Medical Conditions Associated with Def
; FILE REFERENCE: HO-P01961US1
; CURRENT APPLICATION NUMBER: US/09/863,049A
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/206,223
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; US-09-863-049A-20

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 70 CCCAGGGGAGGGCCC 84
||||| |||||||
Db 6 CCCAGGTGAGGGCCC 20

RESULT 1189
US-09-802-110B-83/c
; Sequence 83, Application US/09802110B
; Publication No. US20030082535A1
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; Hui, May
; Dunn, James M.
; LaCroix, Jean-Michel
; TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR
; DETECTION AND IDENTIFICATION OF MICROORGANISMS
; NUMBER OF SEQUENCES: 189
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson LLP
; STREET: PO Box 5068
; CITY: Dillon
; STATE: CO
; COUNTRY: US
; ZIP: 80435
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/802,110B
; FILING DATE: 07-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.

US-09-863-049A-20
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN_P-058-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (970) 468-6600
; TELEFAX: (970) 468-0104
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: Double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHEICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 83:
US-09-802-110B-83

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1278 GTGGCCAGGCATCCT 1292
||||| |||||||
Db 16 GTGTCCAGGCATCCT 2

RESULT 1190
US-09-919-197-74/c
; Sequence 74, Application US/09919197
; Publication No. US20030083484A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/09/919,197
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-919-197-74

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 169 CGAGGTGGCGGAGGC 183
||||| |||||||
Db 19 CGAGGTGGCTGAGGC 5

RESULT 1191
US-09-745-167A-52/c
; Sequence 52, Application US/09745167A
; Publication No. US20040204373A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 1 EXPRESSION
; FILE REFERENCE: RTS-0140
; CURRENT APPLICATION NUMBER: US/09/745,167A
; CURRENT FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-745-167A-52

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

844 GAGTACTGTGACAG 858
|||||
20 GAGTACTGTGACAG 6

SULT 1192
-10-010-920-93
Sequence 93, Application US/10010920
Publication No. US20030027165A1
GENERAL INFORMATION:
APPLICANT: Saus, Juan
TITLE OF INVENTION: Alternatively spliced polk nucleotide and amino acid sequences
FILE REFERENCE: 98,723-E3
CURRENT APPLICATION NUMBER: US/10/010,920
CURRENT FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/254,649
PRIOR FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer ON-DinB1-F3
-10-010-920-93

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

537 CCCCATCTTTGACAA 551
|||||
4 CCCCACTTTGACAA 18

SULT 1193
-10-187-586-5/c
Sequence 5, Application US/10187586
Publication No. US20030082666A1
GENERAL INFORMATION:
APPLICANT: Wake Forest University
APPLICANT: Kammer, Gary M.
APPLICANT: Mishra, Nilamadhab
TITLE OF INVENTION: METHOD OF TREATING AUTOIMMUNE DISEASES
FILE REFERENCE: 9151-10DV
CURRENT APPLICATION NUMBER: US/10/187,586
CURRENT FILING DATE: 2002-09-23
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
-10-187-586-5

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

38 AGGCAGGAGGACCAG 52

Db 19 AGTCAGGAGGACCAG 5
|||||

RESULT 1194
US-10-008-721-93
Sequence 93, Application US/10008721
Publication No. US20030082745A1
GENERAL INFORMATION:
APPLICANT: Saus, Juan
TITLE OF INVENTION: TNF-Inducible Promoters and Methods for Using
FILE REFERENCE: 98,723-E1
CURRENT APPLICATION NUMBER: US/10/008,721
CURRENT FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/254,649
PRIOR FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer ON-DinB1-F3
US-10-008-721-93

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 537 CCCCATCTTTGACAA 551
|||||
Db 4 CCCCACTTTGACAA 18

RESULT 1195
US-10-271-887-106
Sequence 106, Application US/10271887
Publication No. US20030087871A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
FILE REFERENCE: RTS-0183
CURRENT APPLICATION NUMBER: US/10/271,887
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US/09/659,845A
PRIOR FILING DATE: 2001-07-23
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-271-887-106

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 733 GCACCCGTCACGCC 747
|||||
Db 1 GCACCCGTCACGCC 15

RESULT 1196
US-10-001-076-162/c
Sequence 162, Application US/10001076
Publication No. US20030096775A1
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Andrew T. Watt


```
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: RTS-0329
; CURRENT APPLICATION NUMBER: US/10/001,076
; CURRENT FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-076-162

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 338 AGGACTGAAGATGG 352
    ||||| ||||| |||||
Dr 20 AGGACTGAACATGG 6

RESULT 1197
US-10-001-844-37
; Sequence 37, Application US/10001844
; Publication No. US20030105041A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
; FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-37

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1211 CGGGCTCCACGGTGG 1225
    ||||| ||||| |||||
Db 5 CGGGCTCCCGGTGG 19

RESULT 1198
US-10-151-481A-5/c
; Sequence 5, Application US/10151481A
; Publication No. US20030114525A1
; GENERAL INFORMATION:
; APPLICANT: Wake Forest University
; APPLICANT: Kammer, Gary M.
; APPLICANT: Mishra, Nilamadhav
; TITLE OF INVENTION: METHOD OF TREATING AUTOIMMUNE DISEASES
; FILE REFERENCE: 9151-101P
; CURRENT APPLICATION NUMBER: US/10/151,481A
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US 09/718,195
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-151-481A-5

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 38 AGGACGAGGACCAG 52
    ||||| ||||| |||||
Db 19 AGTCAGGAGACCAG 5

RESULT 1199
US-10-139-604-9/c
; Sequence 9, Application US/10139604
; Publication No. US20030124551A1
; GENERAL INFORMATION:
; APPLICANT: METRIS THERAPEUTICS LIMITED
; APPLICANT: LNEINCEK, Mirna
; APPLICANT: PAPPA, Helen
; TITLE OF INVENTION: AGENTS IMPLICATED IN ENDOMETRIOSIS
; FILE REFERENCE: 1396-1-006
; CURRENT APPLICATION NUMBER: US/10/139,604
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: GB 9926081.2
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: GB 9926074.7
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: GB 9926079.6
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: GB 9926076.2
; PRIOR FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: SeqWin99, version 1.02
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3' RT-PCR primer for Cathepsin D
US-10-139-604-9

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 458 AGGACATCAACAGC 472
    ||||| ||||| |||||
Db 16 AGGACATCAAGAAGC 2

RESULT 1200
US-10-238-442-65/c
; Sequence 65, Application US/10238442
; Publication No. US20030176383A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/10/238,442
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
-10-238-442-65

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1638 GCAGCGGCTGAGGG 1652
|||||
15 GCAGCGGCTGAGGG 1

SULT 1201
-10-032-585-5632
Sequence 5632, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5632
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
-10-032-585-5632

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

656 CCGTCTACAAAGGCA 670
|||||
3 CCGTCTACAAAGGCA 17

SULT 1202
-10-168-844-24/c
Sequence 24, Application US/10168844
Publication No. US20030217392A1
GENERAL INFORMATION:
APPLICANT: BASF PLANT SCIENCE GMBH
TITLE OF INVENTION: PROTEIN KINASE STRESS-RELATED PROTEINS AND METHODS OF
USE IN PLANTS
FILE REFERENCE: 16313-0007
CURRENT APPLICATION NUMBER: US/10/168,844
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: PCT/US00/34970
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,745
PRIOR FILING DATE: 1999-12-22
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
-10-168-844-24

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 574 CGTGTACGCTATCT 588
|||||
DB 19 CGTGTACGCTATCT 5

RESULT 1203
US-10-163-272-19/c
; Sequence 19, Application US/10163272
; Publication No. US20030224517A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/163,272
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-163-272-19

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAAGCT 524
|||||
DB 15 CTACCTGGAGAAGCT 1

RESULT 1204
US-10-163-272-96
; Sequence 96, Application US/10163272
; Publication No. US20030224517A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/163,272
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-163-272-96

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAAGCT 524
|||||
DB 6 CTACCTGGAGAAGCT 20

RESULT 1205
US-10-173-718-52/c
; Sequence 52, Application US/10173718
; Publication No. US2003023437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125

```
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-52

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 76 GGAGGGCCCCCGCGC 90
    ||||| |||||
Db 17 GGAGGGCCCCCGCGC 3

RESULT 1206
US-10-173-718-106
; Sequence 106, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-173-718-106

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 76 GGAGGGCCCCCGCGC 90
    ||||| |||||
Db 4 GGAGGGCCCCCGCGC 18

RESULT 1207
US-10-177-554-48/c
; Sequence 48, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-48

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 123 CATGGATCGGATGAA 137
    ||||| |||||
Db 20 CATGGCTCGGATGAA 6

RESULT 1208
US-10-177-554-184
; Sequence 184, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 184
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-554-184

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 123 CATGGATCGGATGAA 137
    ||||| |||||
Db 1 CATGGCTCGGATGAA 15

RESULT 1209
US-10-349-143-7238/c
; Sequence 7238, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7238
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-3109 for SEQ 3304,
US-10-349-143-7238

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1235 TACACTTCATCTTCC 1249
    ||||| |||||
Db 17 TTCACTTCATCTTCC 3

RESULT 1210
US-10-289-762-2555
; Sequence 2555, Application US/10289762
; Publication No. US20040006218A1
```

```
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
of thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2555
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
-10-289-762-2555

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1224 GGAGGACAGCTACA 1238
|||||
1 GGAGGACAGCTACA 15

SULT 1211
-10-289-762-5490/c
Sequence 5490, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
of thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5490
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
-10-289-762-5490

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

778 AAACAGGCCAACATC 792
|||||
20 AAACAGGCCAACATC 6

SULT 1212
-10-298-215-2
Sequence 2, Application US/10298215
Publication No. US20040009157A1
GENERAL INFORMATION:
APPLICANT: Gazit, Dan
TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
FILE REFERENCE: P-4891-US2
CURRENT APPLICATION NUMBER: US/10/298,215
CURRENT FILING DATE: 2002-11-18
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Mus musculus
-10-298-215-2

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1184 AGATGGCCACAGGC 1198
|||||
Db 5 AGATGGCCACAGGAC 19

RESULT 1213
US-10-380-255-18/c
Sequence 18, Application US/10380255
Publication No. US20040023263A1
GENERAL INFORMATION:
APPLICANT: Sugita et al.
TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
FILE REFERENCE: 6235-64935
CURRENT APPLICATION NUMBER: US/10/380,255
CURRENT FILING DATE: 2003-03-11
PRIOR APPLICATION NUMBER: PCT/JF01/08247
PRIOR FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: JP 2000-293021
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: an artificially
synthesized primer sequence
US-10-380-255-18

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 407 CTCCAGTGAGATGC 421
|||||
Db 16 CTCCAGTGAGATGC 2

RESULT 1214
US-10-210-556-86
Sequence 86, Application US/10210556
Publication No. US20040023904A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
FILE REFERENCE: PTS-0015
CURRENT APPLICATION NUMBER: US/10/210,556
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 227
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-556-86

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 866 AGCAGTACCTGGATG 880
|||||
Db 1 AGCAGTACCTGGATG 15

RESULT 1215
US-10-642-802-162/c
Sequence 162, Application US/10642802
```

```
; Publication No. US20040043956A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: HTS-0329
; CURRENT APPLICATION NUMBER: US/10/642,802
; CURRENT FILING DATE: 2003-08-18
; PRIOR APPLICATION NUMBER: US/10/001,076
; PRIOR FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-642-802-162

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q7 338 AGGACTTGAAGATGG 352
Dn 20 AGGACTTGAACATGG 6

RESULT 1216
US-10-169-045-9/c
; Sequence 9, Application US/10169045
; Publication No. US20040055032A1
; GENERAL INFORMATION:
; APPLICANT: BASF PLANT SCIENCE GMBH
; TITLE OF INVENTION: PYROPHOSPHATASE STRESS-RELATED PROTEINS AND METHODS OF
; FILE REFERENCE: 16313-0006
; CURRENT APPLICATION NUMBER: US/10/169,045
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: 60/171,745
; PRIOR FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-169-045-9

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q7 574 CGTGTGAGCCTACT 588
Dn 19 CGTGTGAGCCTACT 5

RESULT 1217
US-10-298-354-18
; Sequence 18, Application US/10298354
; Publication No. US20040097442A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MAPK ASSOCIATED KINASE 3 EXPRESSION
; FILE REFERENCE: HTS-0054
; CURRENT APPLICATION NUMBER: US/10/298,354
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 80
```

```
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-354-18

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q7 526 ACCCTCAATAGCCCC 540
Dn 6 ACCCTCAATAGCCCC 20

RESULT 1218
US-10-304-111-24
; Sequence 24, Application US/10304111
; Publication No. US20040102403A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF FIBRILLARIN EXPRESSION
; FILE REFERENCE: HTS-0075
; CURRENT APPLICATION NUMBER: US/10/304,111
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-111-24

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q7 182 GCATAGACGACCA 196
Dn 6 GCATAGACGACCA 20

RESULT 1219
US-10-688-706-326/c
; Sequence 326, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 326
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-326

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

131 GGATGAGAGATCA 145
|||||
16 GGATGAGAGATTCA 2

SULT 1220

-10-316-755-99

Sequence 99, Application US/10316755

Publication No. US20040110152A1

GENERAL INFORMATION:

APPLICANT: Brenda F. Baker

APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION

FILE REFERENCE: RTS-0381

CURRENT APPLICATION NUMBER: US/10/316,755

CURRENT FILING DATE: 2002-12-10

NUMBER OF SEQ ID NOS: 277

SEQ ID NO 99

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-316-755-99

Query Match

Best Local Similarity 0.8%; Score 13.4; DB 1; Length 20;

Mismatches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1040 GCCTGGCCCGAGCCA 1054

|||||

1 GCCTGGCCCGGCCA 15

SULT 1221

-10-316-755-230/c

Sequence 230, Application US/10316755

Publication No. US20040110152A1

GENERAL INFORMATION:

APPLICANT: Brenda F. Baker

APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION

FILE REFERENCE: RTS-0381

CURRENT APPLICATION NUMBER: US/10/316,755

CURRENT FILING DATE: 2002-12-10

NUMBER OF SEQ ID NOS: 277

SEQ ID NO 230

LENGTH: 20

TYPE: DNA

ORGANISM: R. norvegicus

FEATURE:

-10-316-755-230

Query Match

Best Local Similarity 0.8%; Score 13.4; DB 1; Length 20;

Mismatches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1040 GCCTGGCCCGAGCCA 1054

|||||

20 GCCTGGCCCGGCCA 6

SULT 1222

-10-316-389-45/c

Sequence 45, Application US/10316389

Publication No. US20040110699A1

GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF ABC2 EXPRESSION

FILE REFERENCE: RTS-0382

CURRENT APPLICATION NUMBER: US/10/316,389

CURRENT FILING DATE: 2002-12-10

; NUMBER OF SEQ ID NOS: 143

; SEQ ID NO 45

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-316-389-45

Query Match

Best Local Similarity 0.8%; Score 13.4; DB 1; Length 20;

Mismatches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1613 AAGCCACAGCCGAG 1627

|||||

Db 19 AAGCCACAGTCCGAG 5

RESULT 1223

US-10-415-463-26

Sequence 26, Application US/10415463

Publication No. US20040110705A1

GENERAL INFORMATION:

APPLICANT: Isis Pharmaceuticals, Inc.

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION

FILE REFERENCE: RISP-0198

CURRENT APPLICATION NUMBER: US/10/415,463

CURRENT FILING DATE: 2003-11-13

PRIOR APPLICATION NUMBER: 09/702,251

PRIOR FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 26

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-415-463-26

Query Match

Best Local Similarity 0.8%; Score 13.4; DB 1; Length 20;

Mismatches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1537 AAGGAGCCAGCCTT 1551

|||||

Db 1 AAGGAAGCCAGCCTT 15

RESULT 1224

US-10-168-846-46/c

Sequence 46, Application US/10168846

Publication No. US20040111768A1

GENERAL INFORMATION:

APPLICANT: BASF PLANT SCIENCE GMBH

TITLE OF INVENTION: TRANSCRIPTION FACTOR STRESS-RELATED PROTEINS AND

TITLE OF INVENTION: METHODS OF USE IN PLANTS

FILE REFERENCE: 16313-0005

CURRENT APPLICATION NUMBER: US/10/168,846

CURRENT FILING DATE: 2003-03-07

PRIOR APPLICATION NUMBER: 60/171,745

PRIOR FILING DATE: 1999-12-22

NUMBER OF SEQ ID NOS: 77

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 46

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-168-846-46

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels

574 CGTGTACGCTATCT 588
|||||
19 CGTGTACGCTATCT 5

```

: RESULT 1225
: US-10-168-846-53/c
:   Sequence 53, Application US/10168846
:   Publication No. US20040111768A1
:   GENERAL INFORMATION:
:   APPLICANT: BASF PLANT SCIENCE GMBH
:   TITLE OF INVENTION: TRANSCRIPTION FACTOR STRESS-RELATED PROTEINS AND
:   TITLE OF INVENTION: METHODS OF USE IN PLANTS
:   FILE REFERENCE: 16313-0005
:   CURRENT APPLICATION NUMBER: US/10/168,846
:   CURRENT FILING DATE: 2003-03-07
:   PRIOR APPLICATION NUMBER: 60/171,745
:   PRIOR FILING DATE: 1999-12-22
:   NUMBER OF SEQ ID NOS: 77
:   SOFTWARE: PatentIn Ver. 2.1
:   SEQ ID NO 53
:   LENGTH: 20
:   TYPE: DNA
:   ORGANISM: Artificial Sequence
:   FEATURE:
:   OTHER INFORMATION: Description of Artificial Sequence: Primer
: US-10-168-846-53

```

Query Match	0.8%;	Score 13.4;	DB 1;	Length 20;
Best Local Similarity	93.3%;	Pred. No. 7.7e+02;		
Matches 14;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

Qy 574 CGTGTACGCTATCT 588
|||||
Db 19 CGTGTACGCTATCT 5

```

RESULT 1226
US-10-319-908-69
: Sequence 69, Application US/10319908
: Publication No. US20040115650A1
: GENERAL INFORMATION:
: APPLICANT: Kenneth W. Dobie
: APPLICANT: Ravi Jain
: TITLE OF INVENTION: MODULATION OF MAD1-LIKE 1 EXPRESSION
: FILE REFERENCE: RTS-0455
: CURRENT APPLICATION NUMBER: US/10/319,908
: CURRENT FILING DATE: 2002-12-12
: NUMBER OF SEQ ID NOS: 140
: SEQ ID NO 69
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: -OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-908-69

```

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1628 GCCCAGCAGGCAGC 1642
 |||||
 6 GCCCAGCAGGAGC 20

RESULT 1227
US-10-319-908-131/c
Sequence 131, Application US/10319908

```

; Publication No. US20040115650A1
;
; GENERAL INFORMATION:
;
; APPLICANT: Kenneth W. Dobie
;
; APPLICANT: Ravi Jain
;
; TITLE OF INVENTION: MODULATION OF MADI-LIKE 1 EXPRESSION
;
; FILE REFERENCE: RTS-0455
;
; CURRENT APPLICATION NUMBER: US/10/319,908
;
; CURRENT FILING DATE: 2002-12-12
;
; NUMBER OF SEQ ID NOS: 140
;
; SEQ ID NO 131
;
; LENGTH: 20
;
; TYPE: DNA
;
; ORGANISM: Homo sapiens
;
US-10-319-908-131

```

```
Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 1628 GCCCAGCAGGCAGC 1642
Db 15 GCCCAGCAGGAAGC 1

```

RESULT 1228
US-10-321-732-9
; Sequence 9, Application US/10321732
; Publication No. US20040123348A1
; GENERAL INFORMATION:
; APPLICANT: GREENGENE BIOTECH INC.
; TITLE OF INVENTION: A Method for Producing a Plant with a High-Growth Rate
; FILE REFERENCE: 82455
; CURRENT APPLICATION NUMBER: US/10/321,732
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer P2
US-10-321-732-9

```

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Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy	312	CAGCTCTGCACCAGA	326
D ^b	4	CAGCTATGCACCAGA	18

```

RESULT 1229
US-10-671-395-536/c
; Sequence 536, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 536
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial

```

FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-536

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

511 TACCTGGAGAAGCTG 525
|||||
20 TACCTGGGAAGCTG 6

SUIT 1230
-10-181-174B-64/c
Sequence 64, Application US/10181174B
Publication No. US20040132674A1
GENERAL INFORMATION:
APPLICANT: RESKE-KUNZ, A.B.
APPLICANT: ROSS, XIROLAN
APPLICANT: ROSS, RALF
APPLICANT: BROS, MATTHIAS
TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN
TITLE OF INVENTION: DENDRITIC CELLS AND USES THEREOF
FILE REFERENCE: VOS-38
CURRENT APPLICATION NUMBER: US/10/181,174B
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: P 100 01 169.1
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: P 100 10 188.7
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn ver. 3.2
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: primer
-10-181-174B-64

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1200 TCCCTCTTTCCGGG 1214
|||||
19 TCCCTCTTTCTGGG 5

SUIT 1231
-10-663-452-19/c
Sequence 19, Application US/10663452
Publication No. US20040132681A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
FILE REFERENCE: RTS-0378
CURRENT APPLICATION NUMBER: US/10/663,452
CURRENT FILING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: US/10/163,272
PRIOR FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-663-452-19
Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 510 CTACCTGGAGAAGCT 524
|||||
Db 15 CTACCTGGAGATGCT 1

RESULT 1232
US-10-663-452-96
; Sequence 96, Application US/10663452
; Publication No. US20040132681A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/663,452
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/163,272
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-663-452-96

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 510 CTACCTGGAGAAGCT 524
|||||
Db 6 CTACCTGGAGATGCT 20

RESULT 1233
US-10-641-455A-65/c
; Sequence 65, Application US/10641455A
; Publication No. US20040171566A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; APPLICANT: Popoff, Ian
; APPLICANT: Wong, Wai Shiu Fred
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0762
; CURRENT APPLICATION NUMBER: US/10/641,455A
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: US 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-641-455A-65

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;


```

; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/10/835,208
; CURRENT FILING DATE: 2004-04-29
; PRIOR APPLICATION NUMBER: US/09/919,197
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-835-208-74

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 169 CGAGGTGGCCGAGGC 183
Db 19 CGAGGTGGCTGAGGC 5

RESULT 1237
US-09-935-785-1/c
; Sequence 1, Application US/09935785
; Patent No. US20020076393A1
; GENERAL INFORMATION:
; APPLICANT: FEHLBAUM, Pascale
; APPLICANT: ANDERSON, Mark
; APPLICANT: RAO, Meena
; APPLICANT: ZASLOFF, Michael
; TITLE OF INVENTION: A Method for Stimulation of Defensin Production
; FILE REFERENCE: 36870-5074-01-US
; CURRENT APPLICATION NUMBER: US/09/935,785
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/086,275
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: US 09/316,386
; PRIOR FILING DATE: 1999-05-21
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for beta defensin
US-09-935-785-1

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 712 AGACTGGAACATGAGAG 729
Db 18 AGACAGACCCAGGAAGAG 1

RESULT 1238
US-09-969-373-1757
; Sequence 1757, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Efftetz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02

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RESULT 1242
US-09-908-153B-29/c
; Sequence 29, Application US/09908153B
; Patent No. US20020168714A1
; GENERAL INFORMATION:
; APPLICANT: Barbas, Carlos F.
; APPLICANT: Beerli, Roger
; APPLICANT: Schopfer, Ulrich
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION USING
; TITLE OF INVENTION: SINGLE-CHAIN, MONOMERIC, LIGAND DEPENDENT POLYPEPTIDE
; TITLE OF INVENTION: SWITCHES
; FILE REFERENCE: TSRI 725.1
; CURRENT APPLICATION NUMBER: US/09/908,153B
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: US 09/619,063
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthesized
US-09-908-153B-29

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1094 CACTGTGGTACGGCCCC 1111
    ||||| || |||||
Db 18 CACTGGCGCTTCGGCCCC 1

RESULT 1243
US-09-927-737-78
; Sequence 78, Application US/09927737
; Publication No. US20030082545A1
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald B.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; TITLE OF INVENTION: LIGASE DETECTION REACTION
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/09/927,737
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 08/891,292
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
; OTHER INFORMATION: PCR or LDR
US-09-927-737-78

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 991 CAGAACCTGCTCATCAAC 1008
    ||||| |||||
Db 1 CAGAACCTCTCACCATC 18

RESULT 1244
US-09-927-737-78
; Sequence 78, Application US/09927737
; Publication No. US20030082545A1
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald B.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; TITLE OF INVENTION: LIGASE DETECTION REACTION
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/09/927,737
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 08/891,292
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
; OTHER INFORMATION: PCR or LDR
US-09-927-737-78

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 991 CAGAACCTGCTCATCAAC 1008
    ||||| |||||
Db 1 CAGAACCTCTCACCATC 18

RESULT 1245
US-10-143-266-4
; Sequence 4, Application US/10143266
; Publication No. US2003010887A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF US
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: homo sapiens
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-109

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 TCAGCGCGCCCTCCGTC 574
    ||||| |||||
Db 1 TCTGCGCGCTTCCTCCGTC 18

RESULT 1246
US-10-143-266-4
; Sequence 4, Application US/10143266
; Publication No. US2003010887A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF US
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: homo sapiens
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-109

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1702 TCTCTGCTTACTGCTG 1719
    ||||| |||||
Db 1 TCTCTGCTTACTGCTG 18

RESULT 1246
US-10-298-816-16/c
; Sequence 16, Application US/10298816
; Publication No. US20030143600A1
; GENERAL INFORMATION:
; APPLICANT: Gocke, Christopher D.
; APPLICANT: Gocke, Christopher D.
```

Kopreski, Michael S.
Benko, Floyd A.
TITLE OF INVENTION: Detection of Extracellular Tumor-Associated Nucleic Acid in Blood Plasma or Serum Using Amplification Assays
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Intellectual Property Office,
The Pennsylvania State University
STREET: 113 Technology Center
CITY: University Park
STATE: Pennsylvania
COUNTRY: USA
ZIP: 16802
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/298,816
FILING DATE: 18-NO. US20030143600A1-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/642,952
FILING DATE: 21-Aug-2000
APPLICATION NUMBER: US/08/818,058
FILING DATE: 14-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: <Unknown>
REGISTRATION NUMBER: <Unknown>
REFERENCE/DOCKET NUMBER: 97,078
TELECOMMUNICATION INFORMATION:
TELEPHONE: <Unknown>
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
-10-298-816-16
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
270 ACGTGTCTCTCTCTGGGA 287
||| ||||| |||||
18 ACGCGCTGCCCCGGGGA 1
SULT 1247
-10-269-790-9
Sequence 9, Application US/10269790
Publication No. US20030148335A1
GENERAL INFORMATION:
APPLICANT: Super Array, Inc.
APPLICANT: Shen, Li
APPLICANT: Cen, Hui
TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
FILE REFERENCE: 49444-20003.00
CURRENT APPLICATION NUMBER: US/10/269,790
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 60/327,763
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 61
SOFTWARE: FastSeq for Windows Version 4.0

Kopreski, Michael S.
Benko, Floyd A.
TITLE OF INVENTION: Detection of Extracellular Tumor-Associated Nucleic Acid in Blood Plasma or Serum Using Amplification Assays
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Intellectual Property Office,
The Pennsylvania State University
STREET: 113 Technology Center
CITY: University Park
STATE: Pennsylvania
COUNTRY: USA
ZIP: 16802
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/298,816
FILING DATE: 18-NO. US20030143600A1-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/642,952
FILING DATE: 21-Aug-2000
APPLICATION NUMBER: US/08/818,058
FILING DATE: 14-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: <Unknown>
REGISTRATION NUMBER: <Unknown>
REFERENCE/DOCKET NUMBER: 97,078
TELECOMMUNICATION INFORMATION:
TELEPHONE: <Unknown>
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
-10-298-816-16
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
270 ACGTGTCTCTCTCTGGGA 287
||| ||||| |||||
18 ACGCGCTGCCCCGGGGA 1
SULT 1247
-10-269-790-9
Sequence 9, Application US/10269790
Publication No. US20030148335A1
GENERAL INFORMATION:
APPLICANT: Super Array, Inc.
APPLICANT: Shen, Li
APPLICANT: Cen, Hui
TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
FILE REFERENCE: 49444-20003.00
CURRENT APPLICATION NUMBER: US/10/269,790
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 60/327,763
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 61
SOFTWARE: FastSeq for Windows Version 4.0

US-10-269-790-9
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 37 TAGGAGGAGGAGCAGCA 54
||| ||||| |||||
Db 1 TAGGAGGAGGAGCAACA 18
RESULT 1248
US-10-269-790-16
Sequence 16, Application US/10269790
Publication No. US20030148335A1
GENERAL INFORMATION:
APPLICANT: Super Array, Inc.
APPLICANT: Shen, Li
APPLICANT: Cen, Hui
APPLICANT: Yu, Xiang
TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
FILE REFERENCE: 49444-20003.00
CURRENT APPLICATION NUMBER: US/10/269,790
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 60/327,763
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 61
SOFTWARE: FastSeq for Windows Version 4.0
US-10-269-790-16
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 37 TAGGAGGAGGAGCAGCA 54
||| ||||| |||||
Db 1 TAGGAGGAGGAGCAACA 18
RESULT 1249
US-10-269-790-26
Sequence 26, Application US/10269790
Publication No. US20030148335A1
GENERAL INFORMATION:
APPLICANT: Super Array, Inc.
APPLICANT: Shen, Li
APPLICANT: Cen, Hui
APPLICANT: Yu, Xiang
TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
FILE REFERENCE: 49444-20003.00
CURRENT APPLICATION NUMBER: US/10/269,790
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 60/327,763
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 61
SOFTWARE: FastSeq for Windows Version 4.0

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ORGANISM: Artificial Sequence
FEATURE:
  OTHER INFORMATION: Cy3UP5 primer
US-10-269-790-26

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 37 TAGGCAGGAGGACCAGCA 54
    |||||
Db 1 TAGGCAGGAGGACAAACA 18

RESULT 1250
US-10-269-790-27
; Sequence 27, Application US/10269790
; Publication No. US20030148335A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; FILE REFERENCE: 49444-20003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; PRIOR FILING DATE: 2002-10-10
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cy5UP5 primer
US-10-269-790-27

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 37 TAGGCAGGAGGACCAGCA 54
    |||||
Db 1 TAGGCAGGAGGACAAACA 18

RESULT 1251
US-10-269-790-36
; Sequence 36, Application US/10269790
; Publication No. US20030148335A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; FILE REFERENCE: 49444-20003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; PRIOR FILING DATE: 2002-10-10
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: UP5 primer
US-10-269-790-36

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 37 TAGGCAGGAGGACCAGCA 54
    |||||
Db 1 TAGGCAGGAGGACAAACA 18

RESULT 1252
US-10-108-732-44/c
; Sequence 44, Application US/10108732
; Publication No. US20030175721A1
; GENERAL INFORMATION:
; APPLICANT: Box, Neil F
; APPLICANT: Duffy, David L
; APPLICANT: Hayward, Nicholas K
; APPLICANT: Martin, Nicholas G
; APPLICANT: Sturm, Richard A
; APPLICANT: Gruis, Nelleke A
; APPLICANT: Van Der Velde, Pieter
; APPLICANT: Bergman, Wilma
; APPLICANT: Frants, Rune R
; TITLE OF INVENTION: MELANOMA RISK DETECTION
; FILE REFERENCE: 8795-27U1
; CURRENT APPLICATION NUMBER: US/10/108,732
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 60/279,515
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMSHR N-inner sequencing primer 3
US-10-108-732-44

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1632 CAGCAGGCGGCTGGA 1649
    |||||
Db 18 CAGGAAGCAGAGGCTGGA 1

RESULT 1253
US-10-314-657-174
; Sequence 174, Application US/10314657
; Publication No. US20030175888A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, Ben
; APPLICANT: CHENG, Yi-Qiang
; APPLICANT: TANG, Gong-Li
; TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide
; FILE REFERENCE: 054030-0021
; CURRENT APPLICATION NUMBER: US/10/314,657
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: PCT/US02/08937
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: US 60/278,935
; PRIOR FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 174
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Streptomyces atroolivaceus
```

-10-314-657-174

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

557 TCAGCGCGGCTCCGTC 574

|||||
1 TCATCGCGGCTCCGTC 18

SULT 1254

-10-422-934-75/c

Sequence 75, Application US/10422934

Publication No. US20030186841A1

GENERAL INFORMATION:

APPLICANT: Barbas, Carlos F., III

APPLICANT: Kadan, Michael

APPLICANT: Beerli, Roger

TITLE OF INVENTION: LIGAND ACTIVATED TRANSCRIPTIONAL REGULATOR PROTEINS

FILE REFERENCE: 22908-1227C

CURRENT APPLICATION NUMBER: US/10/422,934

CURRENT FILING DATE: 2003-04-23

PRIOR APPLICATION NUMBER: 09/586,625

PRIOR FILING DATE: 2000-06-02

PRIOR APPLICATION NUMBER: 09/433,042

PRIOR FILING DATE: 1999-10-25

NUMBER OF SEQ ID NOS: 92

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 75

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: ErbB-2 (E2C) target sequence

-10-422-934-75

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1094 CACTGTGGTACCGGCCCC 1111

|||||
18 CACTGTGGCTCCGCCCC 1

SULT 1255

-10-339-674-176

Sequence 176, Application US/10339674

Publication No. US20030204318A1

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.

FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/339,674

CURRENT FILING DATE: 2003-06-06

NUMBER OF SEQ ID NOS: 3537

SOFTWARE: Proprietary

SEQ ID NO 176

LENGTH: 18

TYPE: DNA

ORGANISM: Escherichia coli K-12 MG1655 complete genome.

FEATURE:

LOCATION: (229371)...(229388)

OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 239

-10-339-674-176

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1059 AATCCCAACAAGACATA 1076

|||||

Db 1 AATCTCAGCAAGACAAA 18

RESULT 1256

US-10-339-674-2396

Sequence 2396, Application US/10339674

Publication No. US20030204318A1

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.

FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/339,674

CURRENT FILING DATE: 2003-06-06

NUMBER OF SEQ ID NOS: 3537

SOFTWARE: Proprietary

SEQ ID NO 2396

LENGTH: 18

TYPE: DNA

ORGANISM: Escherichia coli K-12 MG1655 complete genome.

FEATURE:

LOCATION: (3252271)...(3252288)

OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 3167

US-10-339-674-2396

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1059 AATCCCAACAAGACATA 1076

|||||

Db 1 AATCTCAGCAAGACAAA 18

RESULT 1257

US-10-211-689-99/c

Sequence 99, Application US/10211689

Publication No. US20030232347A1

GENERAL INFORMATION:

APPLICANT: Alsobrook, John II

APPLICANT: Anderson, David W.

APPLICANT: Boldog, Ferenc L.

APPLICANT: Burgess, Catherine E.

APPLICANT: Casman, Stacie J.

APPLICANT: Edinger, Shlomit R.

APPLICANT: Gangolli, Esha A.

APPLICANT: Gorman, Linda

APPLICANT: Guo, Xiaojia (Sasha)

APPLICANT: Khrantsov, Nikolai V.

APPLICANT: Lepley, Denise M.

APPLICANT: MacDougall, John R.

APPLICANT: Pena, Carol A.

APPLICANT: Peyman, John A.

APPLICANT: Patturajan, Meera

APPLICANT: Rieger, Daniel K.

APPLICANT: Shimkets, Richard A.

APPLICANT: Smithson, Gleunda

APPLICANT: Spytek, Kimberly A.

APPLICANT: Vernet, Corine A. M.

APPLICANT: Voss, Edward Z.

APPLICANT: Zhong, Mei

TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS

FILE REFERENCE: 21402-416B

CURRENT APPLICATION NUMBER: US/10/211,689

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: 60/311751

PRIOR FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: 60/310,802

PRIOR FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: 60/310,795

PRIOR FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: 60/311,292

PRIOR FILING DATE: 2001-08-09

PRIOR APPLICATION NUMBER: 60/361,159

```
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/373,050
; PRIOR FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: 60/380,970
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/381,030
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/323,944
; PRIOR FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 132
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 99
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-211-689-99
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 209 AGCAGATAGGCTGGATG 226
      ||||| ||||| |||||
Db 18 AGCAGATAGGCTGGCAGG 1
```

```
RESULT 1258
US-10-108-260A-4931/c
; Sequence 4931, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4931
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p
US-10-108-260A-4931
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1690 TTCCCTGCTTACTCTCTG 1707
      ||||| ||||| |||||
Db 18 TTCCCTGCTTCTCTATG 1
```

```
RESULT 1259
US-10-108-260A-5416
; Sequence 5416, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5416
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p;
US-10-108-260A-5416
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 807 CATTATCCACACGAGAA 824
      ||||| ||||| |||||
Db 1 CATTATACACACGAGAA 18
```

```
RESULT 1260
US-10-349-143-7245/c
; Sequence 7245, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7245
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3153 for SEQ 3311,
US-10-349-143-7245
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1521 GGAGATTACGCTACAAAA 1538
      ||||| ||||| |||||
Db 18 GGAGATTACAGACAGAA 1
```

```
RESULT 1261
US-10-349-143-11482
; Sequence 11482, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
```

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11482
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-7696 for SEQ 3617, in complete
-10-349-143-11482

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1225 GAGGACAGCTTACACTTC 1242
1 GATGGACATCTACACTTC 18

SULT 1262
-10-398-308-42
Sequence 42, Application US/10398308
Publication No. US20040029825A1
GENERAL INFORMATION:
APPLICANT: Davies, Christopher J.
APPLICANT: Schlatter, Donald H.
APPLICANT: Hill, Jonathan R.
TITLE OF INVENTION: METHODS OF MINIMIZING IMMUNOLOGICAL REJECTION OF A
TITLE OF INVENTION: NUCLEAR TRANSFER FETUS
FILE REFERENCE: 19603/3373
CURRENT APPLICATION NUMBER: US/10/398,308
CURRENT FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: 60/237,673
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: PCT/US01/30925
PRIOR FILING DATE: 2001-10-03
NUMBER OF SEQ ID NOS: 145
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 42
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: BOLA Class I,
OTHER INFORMATION: Exon 2, Series A Probe
-10-398-308-42

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1270 GAGGAGAGCTGGCAGGC 1287
1 GAGGAGAGCTGGGAGGCC 18

SULT 1263
-10-138-674-1470/c
Sequence 1470, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patent in version 3.0
SEQ ID NO 1470
LENGTH: 18
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-1470

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1465 AGTCTGGGGGAGCGGATC 1482
Db 18 AGTCTGGGGGCGGGGAGC 1

RESULT 1264
US-10-287-949A-1470/c
Sequence 1470, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patent in version 3.0
SEQ ID NO 1470
LENGTH: 18
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-1470

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1465 AGTCTGGGGGAGCGGATC 1482
Db 18 AGTCTGGGGGCGGGGAGC 1

RESULT 1265
US-10-606-133-215/c
Sequence 215, Application US/10606133
Publication No. US20040132047A1
GENERAL INFORMATION:
APPLICANT: Fortina, Paolo
APPLICANT: Maris, John M.
APPLICANT: Gelfand, Craig A.
TITLE OF INVENTION: Methods for Detection of Genetic
TITLE OF INVENTION: Alterations Associated with Cancer
FILE REFERENCE: CHOP.0182US
CURRENT APPLICATION NUMBER: US/10/606,133
CURRENT FILING DATE: 2003-06-25
PRIOR APPLICATION NUMBER: 60/391,515
PRIOR FILING DATE: 2002-06-25
NUMBER OF SEQ ID NOS: 282
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 215
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Primer
US-10-606-133-215

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1040 GCCTGGCCCGAGCAAGT 1057
|||||
DB 18 GCCTGGCCCACTAAGT 1

RESULT 1266

US-10-731-739-299
Sequence 299, Application US/10731739
Publication No. US20040176582A1

GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/10/731,739
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 299
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens

US-10-731-739-299

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 942 CCTGGCCTACTGCCACCG 959
|||||
DB 1 CCTGAGCTACTGCCACAG 18

RESULT 1267

US-09-802-674-9
Sequence 9, Application US/09802674
Patent No. US20020042088A1

GENERAL INFORMATION:
APPLICANT: Macina, Roberto A
APPLICANT: Piderit, Alejandra
APPLICANT: Sun, Yongming
TITLE OF INVENTION: Method of Diagnosing, Monitoring, Staging, Imaging and
FILE REFERENCE: DEX-0142
CURRENT APPLICATION NUMBER: US/09/802,674
CURRENT FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/188,061
PRIOR FILING DATE: 2000-03-09
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-802-674-9

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1711 ACCTGGCTGAGCCATGTT 1728
|||||
DB 2 ACCCGCTGTGCCATATT 19

RESULT 1268

US-09-947-770-26/c
Sequence 26, Application US/09947770
Patent No. US20020068715A1

GENERAL INFORMATION:
APPLICANT: Steinman, Lawrence
APPLICANT: Ruiz, Pedro
TITLE OF INVENTION: DNA Vaccination for Treatment of
TITLE OF INVENTION: Autoimmune Disease
FILE REFERENCE: STANI23CIP
CURRENT APPLICATION NUMBER: US/09/947,770
CURRENT FILING DATE: 2001-09-05
PRIOR APPLICATION NUMBER: PCT/US00/06233
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: US 09/267,590
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 34
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: IFN-gamma primer

US-09-947-770-26

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 31 CAGAGGTAGCGCAGGAGA 48
|||||
DB 18 CAGAGGTAGCGCGCAGGA 1

RESULT 1269

US-09-853-688-38/c
Sequence 38, Application US/09853688
Patent No. US20020081605A1

GENERAL INFORMATION:
APPLICANT: COOPER, DAVID N.
APPLICANT: PROCTER, ANNIE M.
APPLICANT: GREGORY, JOHN
APPLICANT: MILLAR, DAVID S.
TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN
FILE REFERENCE: WCM78
CURRENT APPLICATION NUMBER: US/09/853,688
CURRENT FILING DATE: 2001-05-14
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 38
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens

US-09-853-688-38

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; Sequence 21, Application US/09952267
; Publication No. US20030032772A1
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: ABEI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USP1 AND USP2 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY-024
; CURRENT APPLICATION NUMBER: US/09/952,267
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/336,447
; PRIOR FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis
US-09-952-267-21

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 468 CAAGCGCCTACTACTACC 485
|||||
DB 2 CAAGCTGATCACTACTACC 19

RESULT 1275
US-09-952-522B-26/c
; Sequence 26, Application US/09952522B
; Publication No. US20030082152A1
; GENERAL INFORMATION:
; APPLICANT: Katz, Adam J.
; APPLICANT: Liull, Ramon
; APPLICANT: Futrell, J. William
; APPLICANT: Hedrick, Marc H.
; APPLICANT: Benhaim, Prosper
; APPLICANT: Lorenz, Hermann Peter
; APPLICANT: Zhu, Min
; TITLE OF INVENTION: ADIPOSE-DERIVED STEM CELLS AND LATTICES
; FILE REFERENCE: 30448.77US11
; CURRENT APPLICATION NUMBER: US/09/952,522B
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: PCT/US00/06232
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 60/123,711
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/162,462
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Alkaline
; OTHER INFORMATION: phosphatase reverse primer
US-09-952-522B-26

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCACATGCACACGTGA 913
|||||
DB 18 TAAACAGGAACACGTGA 1

RESULT 1276
US-09-953-562-3/c
; Sequence 3, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
; TITLE OF INVENTION: CELL CARCINOMA
; FILE REFERENCE: E8114-01
; CURRENT APPLICATION NUMBER: US/09/953,562
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JP 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: FGFR3 mutagenic oligonucleotide
US-09-953-562-3

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 23 CAGGAATGCAGAGGTAGG 40
|||||
DB 19 CAGGGATGCAGGGGTAGC 2

RESULT 1277
US-09-864-636A-889/c
; Sequence 889, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 889
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-889

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 512 ACCTGGAGAGCTGACCC 529
|||||
DB 18 ACCTGGACAGCAACCC 1

RESULT 1278
US-09-864-426A-889/c
; Sequence 889, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael

TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 889
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-854-426A-889

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

512 ACCTGGAGAGCTGACCC 529
18 ACCTGGACAGCAAAACC 1

SULT 1279
-10-005-338B-162
Sequence 162, Application US/10005338B
Publication No. US20030044895A1
GENERAL INFORMATION:
APPLICANT: DENEFFLE, Patrice
APPLICANT: ROSIER-MONTUS, Marie-Francoise
APPLICANT: PRADES, Catherine
APPLICANT: ARNOULD-REGUIGNE, Isabelle
APPLICANT: DUVERGER, Nicolas
APPLICANT: ALLIKMETS, Rando
APPLICANT: DEAN, Michael
TITLE OF INVENTION: NUCLEIC ACIDS OF THE HUMAN ABCA5, ABCA6, ABCA9, AND ABCA10 GENES
TITLE OF INVENTION: CONTAINING SUCH NUCLEIC ACIDS, AND USES THEREOF
FILE REFERENCE: ABCA5, 6, 9, 10
CURRENT APPLICATION NUMBER: US/10/005,338B
CURRENT FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: US 60/263,231
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: FR 0403440.1
PRIOR FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 217
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 162
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
-10-005-338B-162

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1316 ACAACTACCCCAAGTACC 1333
1 ACAACTTCCCAAGAAC 18

SULT 1280
-10-226-992-46/c
Sequence 46, Application US/10226992
Publication No. US20030148507A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Fornaugh, Kathy
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using Sh
TITLE OF INVENTION: RNA
FILE REFERENCE: 400/055 (MBHB01-1110-B)

; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 46
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re
US-10-226-992-46

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 817 ACGGAGAAGTCCCTCACC 834
DB 19 AGGGAGAAGCGGCTCACC 2

RESULT 1281
US-10-226-992-129
; Sequence 129, Application US/10226992
; Publication No. US20030148507A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Fornaugh, Kathy
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
; TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using Sh
; TITLE OF INVENTION: RNA
; FILE REFERENCE: 400/055 (MBHB01-1110-B)
; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 129
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-226-992-129

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 8e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 817 ACGGAGAAGTCCCTCACC 834
DB 1 ACGGAGAAGCGGCTCACC 18

RESULT 1282
US-10-218-969-29
; Sequence 29, Application US/10218969
; Publication No. US20030165916A1
; GENERAL INFORMATION:
; APPLICANT: Sealton, Stuart
; APPLICANT: Yuen, Tony
; APPLICANT: Wurmbach, Elisa
; TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling For High Content Drug
; TITLE OF INVENTION: Profiling and Toxicity Screening
; FILE REFERENCE: 2459-1-007N
; CURRENT APPLICATION NUMBER: US/10/218,969
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/312,220
; PRIOR FILING DATE: 2001-08-14

```

: PRIOR APPLICATION NUMBER: US 60/324,895
: PRIOR FILING DATE: 2001-09-26
: NUMBER OF SEQ ID NOS: 120
: SOFTWARE: FastSEQ for Windows Version 4.0
: SEQ ID NO 29
: LENGTH: 19
: TYPE: DNA
: ORGANISM: Homo sapiens
: JGI-10-218-969-29

```

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels

242 GCGGCAGTGACCCCTGGAG 259
2 GCGGCAGTGACATTGAAG 19

RESULT 1283
US-10-251-117-63/c
; Sequence 63, Application US/10251117
; Publication No. US20030170891A1

```

? ORGANISM: Ribozyme Pharmaceuticals, Inc.
? APPLICANT: McSwiggen, James
? TITLE OF INVENTION: RNA Interference Mediators
? TYPE OF INVENTION: Gene Expression Using Small Molecules
? FILE REFERENCE: 900/042 (MWHB02-468-A)
? CURRENT APPLICATION NUMBER: US/10/251,117
? CURRENT FILING DATE: 2003-02-24
? PRIOR APPLICATION NUMBER: US 60/393,924
? PRIOR FILING DATE: 2002-07-03
? PRIOR APPLICATION NUMBER: US 10/163,552
? PRIOR FILING DATE: 2002-06-06
? PRIOR APPLICATION NUMBER: US 60/358,580
? PRIOR FILING DATE: 2002-02-20
? PRIOR APPLICATION NUMBER: US 09/916,466
? PRIOR FILING DATE: 2001-07-25
? PRIOR APPLICATION NUMBER: US 60/296,249
? PRIOR FILING DATE: 2001-06-06
? NUMBER OF SEQ ID NOS: 1213
? SOFTWARE: PatentIn version 3.0
? SEQ ID NO 63
? LENGTH: 19
? TYPE: RNA
? ORGANISM: Artificial Sequence
? FEATURES:
? OTHER INFORMATION: Description of Artificia
CS-10-251-117-63

```

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels

cy
289 CTTGGTCTGCACGGGC 306

db
19 CTTGGTGTGCACGGGC 2

```

RESULT 1284
: US-10-251-117-312
: Sequence 312, Application US/10251117
: Publication No. US20030170891A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: MCSwigen, James
: TITLE OF INVENTION: RNA Interference Mediators
: TITLE OF INVENTION: Gene Expression Using
: FILE REFERENCE: 900/042 (MBH02-468-A)
: CURRENT APPLICATION NUMBER: US/10/251,117
: CURRENT FILING DATE: 2003-02-24
: PRIORITY APPLICATION NUMBER: US 60/393,924

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```

/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 09/916,466
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ PRIOR FILING DATE: 2001-06-06
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 312
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Articl
US-10-251-117-312

```

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 55.6%; Pred. No. 8e+02;
Matches 10; Conservative 5; Mismatches 3; Indels

Qy 289 CTTCTGTCACGGGC 306
| : | : | : | : | :
Db 1 CUUGUUGCAGGGGC 18

RESULT 1285
US-10-251-117-642
; Sequence 642, Application US/1025117
; Publication No. US20030170891A1

```

> GENERAL INFORMATION:
> APPLICANT: Ribozyme Pharmaceuticals, Inc.
> APPLICANT: MCSwigen, James
> TITLE OF INVENTION: RNA Interference Mediators
> TITLE OF INVENTION: Gene Expression Using RNA Interference
> FILE REFERENCE: 900/042 (MBH02-468-A)
> CURRENT APPLICATION NUMBER: US/10/351,117
> CURRENT FILING DATE: 2003-02-24
> PRIOR APPLICATION NUMBER: US 60/393,924
> PRIOR FILING DATE: 2002-07-03
> PRIOR APPLICATION NUMBER: US 10/163,552
> PRIOR FILING DATE: 2002-06-06
> PRIOR APPLICATION NUMBER: US 60/358,580
> PRIOR FILING DATE: 2002-02-20
> PRIOR APPLICATION NUMBER: US 09/916,466
> PRIOR FILING DATE: 2001-07-25
> PRIOR APPLICATION NUMBER: US 60/296,249
> PRIOR FILING DATE: 2001-06-06
> NUMBER OF SEQ ID NOS: 1213
> SOFTWARE: PatentIn version 3.0
> SEQ ID NO 642
> LENGTH: 19
> TYPE: RNA
> ORGANISM: Artificial Sequence
> FEATURE:
> OTHER INFORMATION: Description of Artificial Sequence
> US-10-251-117-642

```

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 66.7%; Pred. No. 8e+02;
Matches 12; Conservative 3; Mismatches 3; Indels

QY 616 TACATTAGCTGGACAAA 633
DB 1 UACAATUAAACUGGAAAAA 18

RESULT 1286
US-10-251-117-949/c
; Sequence 949, Application US/10251117
; Publication No. US20030170891A1

```
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
FILE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHC02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 949
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
-10-251-117-949

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

616 TACATTAACTGGACAAA 633
||||| ||| ||| ||| |||
19 TACAATAAAGTGGAAAA 2

SULT 1287
-10-084-839-889/c
Sequence 889, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, Wufo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 889

10017621-3sl.rnpb

; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-889

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      512 ACCTGGAGAAAGCTGACCC 529
        ||||| ||| ||| |||
Db      18 ACCTGGACAAGCAAAACCC 1

RESULT 1288
US-10-244-647-381
; Sequence 381, Application US/10244647
; Publication No. US20030206887A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Morrissey, David
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
FILE REFERENCE: 400/060 (MBHB02-1000)
CURRENT APPLICATION NUMBER: US/10/244,647
CURRENT FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: PCI US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 381
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-381

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 61.1%; Pred. No. 8e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy      1486 AAACCTCTCTGACACTACT 1503
        |||:| ||| |||:|
Db      1 ACACUCCGGAACUACU 18

RESULT 1289
US-10-244-647-569
; Sequence 569, Application US/10244647
; Publication No. US20030206887A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Morrissey, David
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
FILE REFERENCE: 400/060 (MBHB02-1000)
CURRENT APPLICATION NUMBER: US/10/244,647
CURRENT FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
```


APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9032
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-2085 for SEQ 1167, in compleme
-10-349-143-9032

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1686 CATCTTCCCTGTTACTC 1703
|||||
18 CTTCTTCCCTGATTCCTC 1

SULT 1294
-10-349-143-11036
Sequence 11036, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11036
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-24156 for SEQ 3171, in complem
-10-349-143-11036

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

964 AAGTGTACACCGAGAC 981
|||||
1 AAAGTGTAGACCGAC 18

RESULT 1295
US-10-349-143-11495/c
; Sequence 11495, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11495
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-8055 for SEQ 3630, in compleme
US-10-349-143-11495

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGGAGAG 522
|||||
DB 19 GAGGCTACCTGGCNAAG 2

RESULT 1296
US-10-444-925-126
; Sequence 126, Application US/10444925
; Publication No. US20040009946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-126

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 8e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 TCGAAGCAGCGTAAAGGA 18
:|||||
DB 2 UGGAAGAGCCCAAGGA 19

<p>RESULT 1297</p> <p>US-10-444-925-127</p> <p>Sequence 127, Application US/10444925</p> <p>Publication No. US2004000946A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Lewis, Stephen Patrick</p> <p>APPLICANT: Klinghoffer, Richard</p> <p>APPLICANT: Wilson, Linda K.</p> <p>TITLE OF INVENTION: MODULATION OF PTF1B SIGNAL TRANSDUCTION</p> <p>TITLE OF INVENTION: BY RNA INTERFERENCE</p> <p>FILE REFERENCE: 200125.441</p> <p>CURRENT APPLICATION NUMBER: US/10/444,925</p> <p>CURRENT FILING DATE: 2003-05-23</p> <p>NUMBER OF SEQ ID NOS: 599</p> <p>SOFTWARE: FastSeq for Windows Version 4.0</p> <p>SEQ ID NO 127</p> <p>LENGTH: 19</p> <p>TYPE: RNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Small interfering RNA</p> <p>US-10-444-925-127</p>	<p>Query Match 0.8%; Score 13.2; DB 1; Length 19;</p> <p>Best Local Similarity 77.8%; Pred. No. 8e+02;</p> <p>Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;</p>	<p>QY 1 TGAAGCAGCGTAAAGGA 18</p> <p> : </p> <p>Db 1 UGGAAGAAGCCCAAGGA 18</p>
<p>RESULT 1298</p> <p>US-10-206-705-87</p> <p>Sequence 87, Application US/10206705</p> <p>Publication No. US20040019001A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Ribozyme Pharmaceutical, Inc.</p> <p>APPLICANT: McSwiggen, James</p> <p>TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase</p> <p>TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA</p> <p>FILE REFERENCE: 900/035 (MBHB02-738)</p> <p>CURRENT APPLICATION NUMBER: US/10/206,705</p> <p>CURRENT FILING DATE: 2002-07-26</p> <p>NUMBER OF SEQ ID NOS: 388</p> <p>SOFTWARE: PatentIn version 3.0</p> <p>SEQ ID NO 87</p> <p>LENGTH: 19</p> <p>TYPE: RNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense strand</p> <p>US-10-206-705-87</p>	<p>Query Match 0.8%; Score 13.2; DB 1; Length 19;</p> <p>Best Local Similarity 72.2%; Pred. No. 8e+02;</p> <p>Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;</p>	<p>QY 23 CAGGAATGCAGAGGTAGG 40</p> <p> : </p> <p>Db 2 CAGGCAUGCGCGGUAGG 19</p>
<p>RESULT 1299</p> <p>US-10-206-705-272/c</p> <p>Sequence 272, Application US/10206705</p> <p>Publication No. US20040019001A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Ribozyme Pharmaceutical, Inc.</p> <p>APPLICANT: McSwiggen, James</p> <p>TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase</p> <p>TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA</p> <p>FILE REFERENCE: 900/035 (MBHB02-738)</p> <p>CURRENT APPLICATION NUMBER: US/10/206,705</p> <p>CURRENT FILING DATE: 2002-07-26</p> <p>NUMBER OF SEQ ID NOS: 388</p> <p>SOFTWARE: PatentIn version 3.0</p> <p>SEQ ID NO 87</p> <p>LENGTH: 19</p> <p>TYPE: RNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region</p> <p>US-10-206-705-272</p>	<p>Query Match 0.8%; Score 13.2; DB 1; Length 19;</p> <p>Best Local Similarity 83.3%; Pred. No. 8e+02;</p> <p>Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p>	<p>QY 23 CAGGAATGCAGAGGTAGG 40</p> <p> </p> <p>Db 18 CAGGCAUGCACGGGTAGG 1</p>

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer
-10-653-416-12

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1664 CTCACAGGGCAGCCCCA 1681

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18 CTCACAGGGCAGCTCCCA 1

SULT 1302

-10-606-133-260/c

Sequence 260, Application US/10606133

Publication No. US20040132047A1

GENERAL INFORMATION:

APPLICANT: Fortina, Paolo

APPLICANT: Maris, John M.

APPLICANT: Gelfand, Craig A.

TITLE OF INVENTION: Methods for Detection of Genetic

TITLE OF INVENTION: Alterations Associated with Cancer

FILE REFERENCE: CHOP.0182US

CURRENT APPLICATION NUMBER: US/10/606,133

CURRENT FILING DATE: 2003-06-25

PRIOR APPLICATION NUMBER: 60/391,515

PRIOR FILING DATE: 2002-06-25

NUMBER OF SEQ ID NOS: 282

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 260

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

-10-606-133-260

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

320 CACCAGAGATTGTGCACG 337

||||| ||||| ||||| |||||
18 CACTGGAGAGTGTGCAG 1

SULT 1303

-10-788-318-38/c

Sequence 38, Application US/10788318

Publication No. US20040137510A1

GENERAL INFORMATION:

APPLICANT: COOPER, DAVID N.

APPLICANT: PROCTER, ANNIE M.

APPLICANT: GREGORY, JOHN

APPLICANT: MILLAR, DAVID S.

TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN

TITLE OF INVENTION: HUMANS, THE VARIATIONS AND THEIR USES

FILE REFERENCE: WCM78

CURRENT APPLICATION NUMBER: US/10/788,318

CURRENT FILING DATE: 2004-03-01

NUMBER OF SEQ ID NOS: 66

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 38

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

-10-788-318-38

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 762 CCTGCTCAAGGACCTCAA 779

||||| ||||| ||||| |||||

Db 19 CCAGCTCAAGGATCCCAA 2

RESULT 1304

US-10-665-951-1028

; Sequence 1028, Application US/10665951

; Publication No. US20040138163A1

GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; FILE REFERENCE: 400/131 (MBHB02-742-F)

; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: US 10/664,668

; PRIOR FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: PCT/US 03/05022

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: US 10/287,949

; PRIOR FILING DATE: 2002-11-04

; PRIOR APPLICATION NUMBER: US 10/306,747

; PRIOR FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: PCT/US 02/17674

; PRIOR FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2455

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1028

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r

US-10-665-951-1028

Query Match 0.8%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 188 ACAAGACCAATGCTGCC 205

||||| ||||| ||||| |||||

Db 2 ACAAGACCAAGGGGCAC 19

RESULT 1305

US-10-665-951-1095/c

; Sequence 1095, Application US/10665951

; Publication No. US20040138163A1

GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; FILE REFERENCE: 400/131 (MBHB02-742-F)


```
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1686
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1686

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 66.7%; Pred. No. 8e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1142 CCACTCAGATTGACATGT 1159
||||| ||||| ||||| |||||
Db 2 CCACGACAGAGUGAGUGU 19

RESULT 1311
US-10-665-951-1729
; Sequence 1729, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1729
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1729

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 8e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1142 CCACTCAGATTGACATGT 1159
||||| ||||| ||||| |||||
Db 2 CCACGACAGAGUGAGUGU 19

RESULT 1311
US-10-665-951-1729
; Sequence 1729, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1729
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1729

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 8e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
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Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 44 GAGGACCAGCAGTGTGAC 61
||||| ||||| ||||| |||||
Db 2 GUGGACAAGGAGUGUGAC 19

RESULT 1312
US-10-665-951-1824
; Sequence 1824, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1824
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1824

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 8e+02;
Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 77 GAGGGCCCGCGGCTCTG 94
||||| ||||| ||||| |||||
Db 2 GAGGGCCCGCGGCTCTG 19

RESULT 1313
US-10-665-951-1831/c
; Sequence 1831, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
```

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)

FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1831
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
-10-665-951-1831

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

976 CGAGACCTCAAGCCACAG 993

|||||
19 CAAGACCTCATGCCACAG 2

SULT 1314

-10-665-951-1933/c
Sequence 1933, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1976
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
US-10-665-951-1976

Query Match

0.8%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 44 GAGGACGAGGTGTGAC 61
DB 18 GTGGACAAGGAGTGTGAC 1

RESULT 1316
US-10-715-117-13
; Sequence 13, Application US/10715117
; Publication No. US20040171037A1
; GENERAL INFORMATION:
; APPLICANT: LI, JING
; APPLICANT: POWERS, SCOTT
; APPLICANT: SIN, WUN CHEY
; APPLICANT: YANG, JIANXIN
; TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
; FILE REFERENCE: 38002-0062
; CURRENT APPLICATION NUMBER: US/10/715,117
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: 60/427,202
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/434,434
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-715-117-13

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 100 GCTCGGCGGCCCGCGG 117
DB 1 GCTCCGCGGCCCTGCGG 18

RESULT 1317
US-10-715-117-14
; Sequence 14, Application US/10715117
; Publication No. US20040171037A1
; GENERAL INFORMATION:
; APPLICANT: LI, JING
; APPLICANT: POWERS, SCOTT
; APPLICANT: SIN, WUN CHEY
; APPLICANT: YANG, JIANXIN
; TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
; FILE REFERENCE: 38002-0062
; CURRENT APPLICATION NUMBER: US/10/715,117
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: 60/427,202
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/434,434
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 14
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: siRNA sequence
US-10-715-117-14

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 8e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 100 GCTCGGCGGCCCGCGG 117
DB 1 GCUCGCGGCCCTGCGG 18

RESULT 1318
US-08-911-824-100/c
; Sequence 100, Application US/08911824
; Publication No. US20030004323A1
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Hackett, John R., Jr.
; APPLICANT: Yamaguchi, Julie
; APPLICANT: Golden, Alan M.
; APPLICANT: Brennan, Catherine A.
; APPLICANT: Hickman, Robert K.
; APPLICANT: Devare, Sushil K.
; TITLE OF INVENTION: NOVEL ANTIGEN CONSTRUCTS USEFUL IN THE
; DETECTION AND DIFFERENTIATION OF ANTIBODIES TO HIV
; FILE REFERENCE: 6165-US-01
; CURRENT APPLICATION NUMBER: US/08/911,824
; CURRENT FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human Immunodeficiency Virus
; FEATURE:
; OTHER INFORMATION: Sequencing primer pTB-S4
US-08-911-824-100

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 312 CAGCTCTGCACGAGAT 329
DB 18 CAGATCTGTCCAGAGAT 1

RESULT 1319
US-09-870-725-12
; Sequence 12, Application US/09870725
; Patent No. US20020009745A1
; GENERAL INFORMATION:
; APPLICANT: Tung-Tien Sun, Xue-Ru Wu
; TITLE OF INVENTION: Methods of Detecting and Classifying
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/870,725
; FILING DATE: 01-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/969,317
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257

```
REFERENCE/DOCKET NUMBER: NYU-0030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
-09-870-725-12
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
514 CTGGAGAAGCTGACCCCTC 531
1 CTGGAGAAGCTGCTGCTC 18
SULT 1320
-09-820-198-4/c
Sequence 4, Application US/09820198
Publication No. US20020045258A1
GENERAL INFORMATION:
APPLICANT: Bickenbach, Jackie R.
TITLE OF INVENTION: Method to isolate epidermal stem cells
FILE REFERENCE: 875, 029US1
CURRENT APPLICATION NUMBER: US/09/820,198
CURRENT FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: US 60/192754
PRIOR FILING DATE: 2000-03-28
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: A primer
-09-820-198-4
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
474 CCTATCACTACCACTGA 491
20 CCGACCACTACCACTGAGA 3
SULT 1321
-09-854-883-363/c
Sequence 363, Application US/09854883
Patent No. US20020055479A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: ISPH-0576
CURRENT APPLICATION NUMBER: US/09/854,883
CURRENT FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US 09/629,644
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 389
SEQ ID NO 363
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-854-883-363
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 602 GGAACCTGGAGACCTACA 619
DB 19 GGGAACTGAGACCTCCA 2
RESULT 1322
US-09-841-366A-17/c
Sequence 17, Application US/09841366A
Patent No. US20020058265A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
TITLE OF INVENTION: DIAGNOSIS OF TUMORS
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/09/841,366A
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: D3S2432 primer
US-09-841-366A-17
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1702 TCTCTGCTACTGCGCTG 1719
DB 20 TGTCTATCTACTGCGCTG 3
RESULT 1323
US-09-841-366A-48/c
Sequence 48, Application US/09841366A
Patent No. US20020058265A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
TITLE OF INVENTION: DIAGNOSIS OF TUMORS
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/09/841,366A
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
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;
; FEATURE:
; OTHER INFORMATION: FGA primer
; US-09-841-366A-48

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCCTATCTGAGA 592
    ||||| ||||| |||||
DQ 20 GTGTCAGAGGATCTGAGA 3

RESULT 1324
US-09-820-339A-18/c
; Sequence 18, Application US/09820339A
; Patent No. US20020081652A1
; GENERAL INFORMATION:
; APPLICANT: FUCHS, Sara
; APPLICANT: BARCHAN, Dora
; APPLICANT: SOUROUJON, Miriam
; TITLE OF INVENTION: RECOMBINANT FRAGMENTS OF THE HUMAN ACETYLCHOLINE RECEPTOR AND THE
; TITLE OF INVENTION: FOR TREATMENT OF MYASTHENIA GRAVIS
; FILE REFERENCE: FUCHS-2A
; CURRENT APPLICATION NUMBER: US/09/820,339A
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 09/423,398
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: PCT/IL98/00211
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-820-339A-18

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1400 TGTTCAGATTGAGGATC 1417
    ||||| ||||| |||||
DQ 18 TGTTCAGATTGAGGATC 1

RESULT 1325
US-09-895-585-8
; Sequence 8, Application US/09895585
; Publication No. US20020081725A1
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Ghih
; APPLICANT: Zheng, Tianli
; APPLICANT: Huang, Chang Jiang
; APPLICANT: AmCyt, Inc.
; TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
; TITLE OF INVENTION: Intermediate Stage of Development
; FILE REFERENCE: 021164-000100US
; CURRENT APPLICATION NUMBER: US/09/895,585
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 60/215,634
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/246,306
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: US 60/291,787
; PRIOR FILING DATE: 2001-05-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20

;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: insulin LC RED
; OTHER INFORMATION: probe
US-09-895-585-8

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGGAGAAG 522
    ||||| ||||| |||||
DQ 3 GAGGGGTCCCTGCAGAAG 20

RESULT 1326
US-09-850-351A-70/c
; Sequence 70, Application US/09850351A
; Patent No. US2002010080A1
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Stockhoff, Brian A.
; APPLICANT: Schmeits, James
; APPLICANT: Loewer, David
; APPLICANT: Dullum, Charles Joseph
; APPLICANT: Muller-Cohn, Judy
; APPLICANT: Stamp, Lisa
; APPLICANT: Morrill, George
; TITLE OF INVENTION: No. US2002010080A1el Pesticidal Toxins and Nucleotide
; NUMBER OF SEQUENCES: 144
; CORRESPONDENCE ADDRESS:
; ADDRESS: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/850,351A
; FILING DATE: 07-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/073,898
; FILING DATE: 06-MAY-1998
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-OCT-1997
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-708CD1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 70:
US-09-850-351A-70
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Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1229 AACAGCTACACTTCATCT 1246
|||||
19 AACAGCTACTTCTCTTT 2

SUIT 1327
-09-850-351A-116
Sequence 116, Application US/09850351A
Patent No. US20020100080A1
GENERAL INFORMATION:
APPLICANT: Feitelson, Jerald S.
Schnepf, H. Ernest
Narva, Kenneth E.
Stockhoff, Brian A.
Schmeits, James
Loewer, David
Dullum, Charles Joseph
Muller-Cohn, Judy
Stamp, Lisa
Morrill, George
TITLE OF INVENTION: No. US20020100080A1el Pesticidal Toxins and Nucleotide
Sequences Which Encode These Toxins
NUMBER OF SEQUENCES: 144
CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: US
ZIP: 32606-6669
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/850,351A
FILING DATE: 07-May-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 09/073,898
FILING DATE: 06-MAY-1998
APPLICATION NUMBER: US 08/960,780
FILING DATE: 30-OCT-1997
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708CD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 116:
-09-850-351A-116

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1229 AACAGCTACACTTCATCT 1246

Db 2 AACAGCTACTTCTCTTT 19
|||||
RESULT 1328
US-09-866-866A-16/c
; Sequence 16, Application US/09866866A
; Patent No. US2002010224A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-866-866A-16

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1384 GACCTCTCTACCAAGCTG 1401
|||
Db 19 GAGATCCTCACCACGCG 2

RESULT 1329
US-09-731-457B-27
; Sequence 27, Application US/09731457B
; Patent No. US20020103146A1
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 1, P
; FILE REFERENCE: RTS-0182
; CURRENT APPLICATION NUMBER: US/09/731,457B
; CURRENT FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-731-457B-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1366 CTTGATACGACGGGCC 1383
|||||
Db 1 CTTGAGCTGACGGTCC 18

RESULT 1330
US-09-909-849-20/c
; Sequence 20, Application US/09909849

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; Patent No. US20020106754A1
; GENERAL INFORMATION:
; APPLICANT: Tauch, Andreas
; TITLE OF INVENTION: Nucleotide Sequences Which Code for the alr Gene
; FILE REFERENCE: 032301 WD 173
; CURRENT APPLICATION NUMBER: US/09/909,849
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Corynebacterium glutamicum
US-09-909-849-20
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Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 980 ACCTCAAGCCCGCAGAAC 997
|||||
Db 19 ACCTCAAGCGCACAAAC 2
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RESULT 1331
US-09-895-040A-5
; Sequence 5, Application US/09895040A
; Patent No. US20020123474A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; APPLICANT: Ji, Yonggang
; TITLE OF INVENTION: HUMAN GTP-RHO BINDING PROTEIN 2
; FILE REFERENCE: AEOMICA-11
; CURRENT APPLICATION NUMBER: US/09/895,040A
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-895-040A-5
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 105 CGCGCCCGCCCGCATGCG 122
|||||
Db 3 CGCGCCCGCCCGCATGCG 20
```

```
RESULT 1332
US-09-800-629A-7
; Sequence 7, Application US/09800629A
```

```
; Patent No. US20020128216A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karrias, James G
; APPLICANT: McKay, Robert
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; TITLE OF INVENTION: TRANSDUCTION
; FILE REFERENCE: ISPH-0537
; CURRENT APPLICATION NUMBER: US/09/800,629A
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: PCT/US00/07318
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/280,799
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-800-629A-7
```

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Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 654 CACCGTCTACAAAGGCAA 671
|||||
Db 3 CATCGTCTGCAAGGAAA 20
```

```
RESULT 1333
US-09-815-153-21
; Sequence 21, Application US/09815153
; Patent No. US20020132978A1
; GENERAL INFORMATION:
; APPLICANT: RASTELLI, LUCA K.
; APPLICANT: GERBER, HANS-PETER
; TITLE OF INVENTION: VEGF-MODULATED GENES AND METHODS EMPLOYING THEM
; FILE REFERENCE: 10716/34
; CURRENT APPLICATION NUMBER: US/09/815,153
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,201
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-815-153-21
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```
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 1153 GACATGTGGGTGGGC 1170
|||||
Db 2 GACAGTGGGTGAGGGC 19
```

```
RESULT 1334
US-09-969-373-3055/C
; Sequence 3055, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
```


/? FILING DATE: 12-NOV-1993
/? ATTORNEY/AGENT INFORMATION:
/? NAME: Haile, Lisa A.
/? REGISTRATION NUMBER: 38,347
/? REFERENCE/DOCKET NUMBER: 07265/146001
/? TELECOMMUNICATION INFORMATION:
/? TELEPHONE: 619/678-5070
/? TELEFAX: 619/678-5099
/? INFORMATION FOR SEQ ID NO: 14:
/? SEQUENCE CHARACTERISTICS:
/? LENGTH: 20 base pairs
/? TYPE: nucleic acid
/? STRANDEDNESS: single
/? TOPOLOGY: linear
/? MOLECULE TYPE: Genomic DNA
/? SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-863-806-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCCTATCTGAGA 592
Db 1 GTGTCAGAGGATCTGAGA 18
|||||

RESULT 1339
US-09-863-806-46/c
; Sequence 46, Application US/09863806
; Publication No. US20020197608A1
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/863,806
; FILING DATE: 22-May-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/038,637
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/152,313
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/146001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 46:
US-09-863-806-46

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCCTATCTGAGA 592
Db 20 GTGTCAGAGGATCTGAGA 3
|||||

RESULT 1340
US-09-824-322B-260/c
; Sequence 260, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 260
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-260

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCCTCAGCGCGCGCTCC 571
Db 18 CCCTCAGAGCCACATCC 1
|||||

RESULT 1341
US-09-824-322B-304
; Sequence 304, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 304
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-304

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

```
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1098 GTGTACGGCCCTCTGA 115
      ||||| ||||| |||||
1 GAGGTACAGGCCCTCTGA 18

SULT 1342
-09-931-375A-27
Sequence 27, Application US/09931375A
Publication No. US20030027151A1
GENERAL INFORMATION:
APPLICANT: WARMAN, Matthew L.
APPLICANT: GONG, Yaodan
APPLICANT: OLSEN, Bjorn R.
APPLICANT: RAWADI, Georges
APPLICANT: ROMAN-ROMAN, Sergio
TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF
TITLE OF INVENTION: OSTEOPOROSIS
FILE REFERENCE: 38464-0004
CURRENT APPLICATION NUMBER: US/09/931.375A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: US 60/304,851
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/234,337
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US 60/226,119
PRIOR FILING DATE: 2000-08-18
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.0
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-09-931-375A-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGGCCT 944
      ||||| ||||| |||||
1 CCAGCTCTCTGTGGCTT 18

SULT 1343
-09-932-367A-105/c
Sequence 105, Application US/09932367A
Publication No. US20030027152A1
GENERAL INFORMATION:
APPLICANT: RHODES, Simon J.
APPLICANT: BRIDWELL, Jeanne L.
APPLICANT: MEIER, Bradley C.
APPLICANT: PARKER, Gretchen E.
APPLICANT: PRICE, Jeffrey R.
APPLICANT: SHOWALTER, Aaron D.
APPLICANT: SLOOP, Kyle W.
TITLE OF INVENTION: GENERATION OF DIAGNOSTIC TOOLS TO ASSAY THE HUMAN
TITLE OF INVENTION: LHX3/P-LIM/LIM-3 FACTOR
FILE REFERENCE: 053884-5003
CURRENT APPLICATION NUMBER: US/09/932.367A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: PCT/US00/04424
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/121,110
PRIOR FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 113
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 105
LENGTH: 20
TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR primer
US-09-932-367A-105

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1081 AATGAGGTGTGACACTG 1098
      ||||| ||||| |||||
Db 18 AGTGAGGTGTGACACTG 1

RESULT 1344
US-09-944-161-8
Sequence 8, Application US/09944161
Publication No. US20030054355A1
GENERAL INFORMATION:
APPLICANT: Warthoe, Peter
TITLE OF INVENTION: Microsensors and Method for Detecting Target Analytes
FILE REFERENCE: A-70905/RPT/DCP
CURRENT APPLICATION NUMBER: US/09/944.161
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: US 60/261,222
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: PA 2000 01310
PRIOR FILING DATE: 2000-09-04
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer sequence.
US-09-944-161-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 623 AGCTGGACAAACTGGGCG 640
      ||||| ||||| |||||
Db 2 AGCTTGACAAAGTGTGCG 19

RESULT 1345
US-09-948-909-14
Sequence 14, Application US/09948909
Publication No. US20030064371A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: METHOD FOR DETECTING CELL
TITLE OF INVENTION: PROLIFERATION DISORDERS
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESS: Fish & Richardson P.C.
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/948,909
FILING DATE: 10-Sep-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/968,733
```

```

; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
;   NAME: Haile, Lisa A.
;   REGISTRATION NUMBER: 38,347
;   REFERENCE/DOCKET NUMBER: 07265/097001
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 619/678-5070
;   TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 14:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   MOLECULE TYPE: Genomic DNA
;   SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-948-909-14

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 575 GTGTCAGCCCTATCTGAGA 592
Db 1 GTGTCAGAGGATCTGAGA 18

RESULT 1346
US-09-948-909-46/c
; Sequence 46, Application US/09948909
; Publication No. US20030064371A1
; GENERAL INFORMATION:
;   APPLICANT: Sidransky, David
;   TITLE OF INVENTION: METHOD FOR DETECTING CELL
;   PROLIFERATION DISORDERS
;   NUMBER OF SEQUENCES: 64
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Fish & Richardson P.C.
;     STREET: 4225 Executive Square, Suite 1400
;     CITY: La Jolla
;     STATE: CA
;     COUNTRY: USA
;     ZIP: 92037
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Diskette
;   COMPUTER: IBM Compatible
;   OPERATING SYSTEM: Windows95
;   SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
;   FILING DATE: 10-Sep-2001
;   APPLICATION NUMBER: US/09/948,909
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 08/968,733
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
;   NAME: Haile, Lisa A.
;   REGISTRATION NUMBER: 38,347
;   REFERENCE/DOCKET NUMBER: 07265/097001
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 619/678-5070
;   TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 46:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   MOLECULE TYPE: oligonucleotide
;   SEQUENCE DESCRIPTION: SEQ ID NO: 46:
US-09-948-909-46

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 575 GTGTCAGCCCTATCTGAGA 592
Db 20 GTGTCAGAGGATCTGAGA 3

RESULT 1347
US-09-906-158-85/c
; Sequence 85, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
;   APPLICANT: Brett P. Monia
;   APPLICANT: Susan M. Freier
;   TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
;   FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-85

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 957 CCGGCAGAGGTGCTACA 974
Db 18 CTGGAAGCAGGTGCTACA 1

RESULT 1348
US-09-952-522B-24/c
; Sequence 24, Application US/09952522B
; Publication No. US20030082152A1
; GENERAL INFORMATION:
;   APPLICANT: Katz, Adam J.
;   APPLICANT: Llull, Ramon
;   APPLICANT: Futrell, J. William
;   APPLICANT: Hedrick, Marc H.
;   APPLICANT: Benhaim, Prosper
;   APPLICANT: Lorenz, Hermann Peter
;   APPLICANT: Zhu, Min
;   TITLE OF INVENTION: ADIPOSE-DERIVED STEM CELLS AND LATTICES
;   FILE REFERENCE: 30448.77US11
; CURRENT APPLICATION NUMBER: US/09/952,522B
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: PCT/US00/06232
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 60/123,711
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/162,462
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Collagen I
;   OTHER INFORMATION: reverse primer
US-09-952-522B-24

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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227 AGAGTGGTGGTGGCG 244
|||||
18 AGAGTGGTGGTGGTG 1

SULT 1349
-09-917-963-36
Sequence 36, Application US/09917963
Publication No. US20030086912A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0591
CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 137
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-917-963-36

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
30 GCAGAGGTAGCAGGAGG 47
|||||
3 GCAGTGGTAGCAGGTGG 20

SULT 1350
-09-953-047-57
Sequence 57, Application US/09953047
Publication No. US20030087854A1
GENERAL INFORMATION:
APPLICANT: Brett P. Moria
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
FILE REFERENCE: RTS-0157
CURRENT APPLICATION NUMBER: US/09/953,047
CURRENT FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-953-047-57

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1334 GAGCCGAGGCCCTTTGA 1351
|||||
2 GAGCAGAGGCCCTCTGA 19

SULT 1351
-09-967-655-18
Sequence 18, Application US/09967655
Publication No. US20030092649A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1563 GATGCCCTGACTCAGGCAG 1580
|||||
DB 2 GATGCCCGCGCAGGCAG 19

RESULT 1352
US-09-998-027-164
Sequence 164, Application US/09998027
Publication No. US20030093819A1
GENERAL INFORMATION:
APPLICANT: D'Andrea et al.
TITLE OF INVENTION: Methods and Compositions for the
TITLE OF INVENTION: Diagnosis and Treatment of Cancers Associated with Defective
TITLE OF INVENTION: DNA Repair Mechanisms
FILE REFERENCE: 2486/101
CURRENT APPLICATION NUMBER: US/09/998,027
CURRENT FILING DATE: 2001-11-02
NUMBER OF SEQ ID NOS: 191
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 164
LENGTH: 20
TYPE: DNA
ORGANISM: MG742
US-09-998-027-164

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 868 CAGTACCTGGATGACTGT 885
|||||
DB 2 CAGTGCCTTGGTACTGT 19

RESULT 1353
US-09-918-026A-18/c
Sequence 18, Application US/09918026A
Publication No. US20030096772A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COA CHOLESTEROL ACYLTRANSFERASE-2 EX
FILE REFERENCE: ISPH-0588
CURRENT APPLICATION NUMBER: US/09/918,026A
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 65
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-026A-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 673 AGCAAGCTCACAGCAAC 690
|||||
D/ 20 AGCAAGCGCAGGACAAAC 3

RESULT 1354
US-09-864-636A-2495/c
; Sequence 2495, Application US/09864636A
; Publication No. US20030104378A1

; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2495
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2495

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 1307 TCAAGACATCACTACC 1324
|||||
D/ 20 TCAAGACCTACGCTACC 3

RESULT 1355
US-09-972-607-59
; Sequence 59, Application US/09972607
; Publication No. US20030105037A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/09/972,607
; CURRENT FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-972-607-59

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 927 CCAGCTGCTCCGTGGCCT 944
|||||
D/ 3 CCAGCTTCTCCGGGCT 20

RESULT 1356
US-09-993-731-30/c
; Sequence 30, Application US/09993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-30

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 861 CCTGACGACGTACTGGA 878
|||||
D/ 20 CCAGACCCAGTACTGGA 3

RESULT 1357
US-09-961-001-63/c
; Sequence 63, Application US/09961001
; Publication No. US20030109466A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION
; FILE REFERENCE: RTS-0280
; CURRENT APPLICATION NUMBER: US/09/961,001
; CURRENT FILING DATE: 2001-09-20
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-961-001-63

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 322 CCAGAGATTGTGCACGAG 339
|||||
D/ 20 CCTGAGATTGTACGCGAG 3

RESULT 1358
US-09-908-147-168/c
; Sequence 168, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-168

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

78 AGGCCCCCGCGGCTCTGA 95
|||||
18 AGGCCCCCACCAGCTCTGA 1

SULT 1359
-09-851-871-26
Sequence 26, Application US/09851871
Publication No. US20030176374A1
GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
APPLICANT: Karras, James G.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0543
CURRENT APPLICATION NUMBER: US/09/851,871
PRIOR FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: PCT/US00/14471
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: 09/326,186
PRIOR FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 284
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-851-871-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

814 CACACGGAGAGTCCTC 831
|||||
2 CTCAGTATAGAGACCTC 19

SULT 1360
-09-864-426A-2495/c
Sequence 2495, Application US/09864426A
Publication No. US20040018489A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2495
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-864-426A-2495

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1307 TCAAGACATACACTACC 1324
|||||
Db 20 TCAAGACCTAGCCTACC 3

RESULT 1361
US-09-984-637-1/c
; Sequence 1, Application US/09984637
; Publication No. US20040048246A1
; GENERAL INFORMATION:
; APPLICANT: Tosoh Corporation
; TITLE OF INVENTION: OLIGONUCLEOTIDE FOR DETECTION OF HIV-1 AND DETECTION METHOD
; FILE REFERENCE: PA211-0315
; CURRENT APPLICATION NUMBER: US/09/984,637
; CURRENT FILING DATE: 2001-10-30
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide hybridizable with a specific site of HIV-1 RNA
US-09-984-637-1

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1364 GACTGTATAGCAGCGGG 1381
|||||
Db 20 GACTTGAAGCGAAAGG 3

RESULT 1362
US-10-025-167-29/c
; Sequence 29, Application US/10025167
; Publication No. US20020127693A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA A.
; COHEN, MAURICE
; COLPITTS, TRACEY L.
; FRIEDMAN, PAULA N.
; HAYDEN, MARK
; KLASS, MICHAEL R.
; ROBERTS-RAPP, LISA
; RUSSELL, JOHN C.
; STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR THE
; USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL
; TRACT

NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/025,167
FILING DATE: 19-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/049,698
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/828,856
FILING DATE: 31-MAR-1997

```
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6068.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-025-167-29

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1109 CCCTGACATCCTGCTTG 1126
Db 18 CCCTGACCTTACTTG 1

RESULT 1363
US-10-011-119A-7/c
Sequence 7, Application US/10011119A
Publication No. US20020150928A1
GENERAL INFORMATION:
APPLICANT: Maunson, Per
APPLICANT: Lundin, Tomas
TITLE OF INVENTION: DNA-EMBEDDING MEDIUM AND METHOD OF USE
FILE REFERENCE: P/2432-45
CURRENT APPLICATION NUMBER: US/10/011,119A
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: 09/605,611
PRIOR FILING DATE: 2000-06-28
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn ver. 2.1
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Construct
US-10-011-119A-7

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 512 ACCTGAGAGCTGACCC 529
Db 19 ACCGCGAAGATGACCC 2

RESULT 1364
US-10-044-671-10
Sequence 10, Application US/10044671
Publication No. US20020177147A1
GENERAL INFORMATION:
APPLICANT: Washington State University Research Foundation
APPLICANT: Mealey, Katrina
APPLICANT: Bentjen, Steven
TITLE OF INVENTION: MDRI VARIANTS AND METHODS FOR THEIR USE
FILE REFERENCE: 4630-6173
CURRENT APPLICATION NUMBER: US/10/044,671
CURRENT FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US 60/261,578
PRIOR FILING DATE: 2001-01-12
```

```
PRIOR APPLICATION NUMBER: US 60/314,829
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: synthetic oligonucleotide
US-10-044-671-10

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 AGCCCATCTTTGACAAAG 552
Db 3 AGCGCATCATTTGGCAAG 20

RESULT 1365
US-10-060-301-19/c
Sequence 19, Application US/10060301
Publication No. US20020182622A1
GENERAL INFORMATION:
APPLICANT: NAKAMURA, Yusuke et al.
TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
FILE REFERENCE: 1254-0195p
CURRENT APPLICATION NUMBER: US/10/060,301
CURRENT FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: JP 2001-25700
PRIOR FILING DATE: 2001-02-01
NUMBER OF SEQ ID NOS: 200
SOFTWARE: PatentIn ver. 2.0
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Forward Primer for SNP ID 10
US-10-060-301-19

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 233 GTGGTGGTGGCGGCACTG 250
Db 18 GTGATGGTGGTGGGAGTG 1

RESULT 1366
US-10-115-563-4
Sequence 4, Application US/10115563
Publication No. US20030008307A1
GENERAL INFORMATION:
APPLICANT: Griffin, John H
Greengard, Judith S
TITLE OF INVENTION: METHODS FOR DIAGNOSING ACTIVATED PROTEIN
C RESISTANCE ASSOCIATED WITH A FACTOR V GENETIC MUTATION
AND COMPOSITIONS THEREOF
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
Patent Counsel
STREET: 10666 No. US20030008307A1th Torrey Pines Road, TPC 8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/115,563

FILING DATE: 02-Apr-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/410,488

FILING DATE: 24-MAR-1995

ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: 449.0

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-554-2937

TELEFAX: 619-554-6312

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 4:

-10-115-563-4

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1073 CATACTCCCAATGAGGTGG 1090

||||| ||||| ||||| |||||

1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

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1 CATACTACAGTGACGTGG 18

||||| ||||| ||||| |||||

1 CATACTACAGTGACGTGG 18

||||| ||||| ||||| |||||

1 CATACTACAGTGACGTGG 18

APPLICANT: Johansen, Jack T
APPLICANT: Hyldeg-Nielsen, Jens J
APPLICANT: Fiandaca, Mark J
APPLICANT: Coull, James M
TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
Nucleic Acids Electrostatically Bound To Matrices
FILE REFERENCE: BP9807US-CN1
CURRENT APPLICATION NUMBER: US/10/159,495
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: 09/456,773
PRIOR FILING DATE: 1999-12-08
PRIOR APPLICATION NUMBER: 60/111,439
PRIOR FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
OTHER INFORMATION: probe, primer or target
US-10-159-495-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGGACCTCAAAC 781

||||| ||||| ||||| |||||

Db 20 TGCTCAAGGACCTCAACC 3

||||| ||||| ||||| |||||

RESULT 1369

US-10-181-107-121

Sequence 121, Application US/10181107

Publication No. US20030083295A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION

FILE REFERENCE: RTSP-0325

CURRENT APPLICATION NUMBER: US/10/181,107

CURRENT FILING DATE: 2002-07-11

PRIOR APPLICATION NUMBER: PCT/US01/00888

PRIOR FILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 09/484,617

PRIOR FILING DATE: 2000-01-18

NUMBER OF SEQ ID NOS: 176

SEQ ID NO 121

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-181-107-121

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 581 GCTATCTGAGATTGGCT 598

||||| ||||| ||||| |||||

Db 3 GTCTCTCTGAGTTGGCT 20

||||| ||||| ||||| |||||

RESULT 1370

US-10-181-107-165

Sequence 165, Application US/10181107

Publication No. US20030083295A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION

FILE REFERENCE: RTSP-0325

CURRENT APPLICATION NUMBER: US/10/181,107

CURRENT FILING DATE: 2002-07-11

PRIOR APPLICATION NUMBER: PCT/US01/00888

PRIOR FILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 09/484,617

PRIOR FILING DATE: 2000-01-18

NUMBER OF SEQ ID NOS: 176

SEQ ID NO 121

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-181-107-121

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 581 GCTATCTGAGATTGGCT 598

||||| ||||| ||||| |||||

Db 3 GTCTCTCTGAGTTGGCT 20

||||| ||||| ||||| |||||

RESULT 1370

US-10-181-107-165

Sequence 165, Application US/10181107

Publication No. US20030083295A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION

FILE REFERENCE: RTSP-0325

CURRENT APPLICATION NUMBER: US/10/181,107

CURRENT FILING DATE: 2002-07-11

PRIOR APPLICATION NUMBER: PCT/US01/00888

PRIOR FILING DATE: 2001-01-11

; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTSP-0325
; CURRENT APPLICATION NUMBER: US/10/181,107
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: PCT/US01/00888
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/484,617
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-107-165

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 533 ATAGCCCCATCTTGACA 550
||| ||||| |||||
Db 2 ATAGTACCATCATTGACA 19

RESULT 1371
US-10-181-107-174/c
; Sequence 174, Application US/10181107
; Publication No. US20030083295A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTSP-0325
; CURRENT APPLICATION NUMBER: US/10/181,107
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: PCT/US01/00888
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/484,617
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-107-174

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 533 ATAGCCCCATCTTTGACA 550
||| ||||| |||||
Db 19 ATAGTACCATCATTGACA 2

RESULT 1372
US-10-181-846-74
; Sequence 74, Application US/10181846
; Publication No. US20030083297A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTSP-0363
; CURRENT APPLICATION NUMBER: US/10/181,846
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01416
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692

; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-74

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 446 AGATCTCCACTGAGGACA 463
||| ||||| |||||
Db 3 AGATCTGTAGTGAGGACA 20

RESULT 1373
US-10-061-269-18
; Sequence 18, Application US/10061269
; Publication No. US20030087416A1
; GENERAL INFORMATION:
; APPLICANT: Mattes, Ralf
; APPLICANT: Klein, Kathrin
; APPLICANT: Schiweck, Hubert
; APPLICANT: Kunz, Markwart
; APPLICANT: Munir, Mohammed
; TITLE OF INVENTION: Preparation of Acariogenic Sugar
; Substitutes
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/061,269
; FILING DATE: 04-Feb-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/374,155
; FILING DATE: 22-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 05638.0006-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-061-269-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 8.4e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

482 TACCAGCTGACATCGGCTG 501
||||| : |||||
1 TCCAGTTCAGTCCGGCTG 20

SULT 1374
-10-159-322-7/c
Sequence 7, Application US/10159322
Publication No. US20030091988A1
GENERAL INFORMATION:
APPLICANT: Johansen, Jack T
APPLICANT: Hylidig-Nielsen, Jens J
APPLICANT: Fiandaca, Mark J
APPLICANT: Coull, James M
TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
TITLE OF INVENTION: Nucleic Acids Electrostatically Bound To Matrices
FILE REFERENCE: BP9807US-DV1
CURRENT APPLICATION NUMBER: US/10159,322
CURRENT FILING DATE: 2002-05-31
PRIOR FILING DATE: 1999-12-08
PRIOR FILING DATE: 1999-12-08
PRIOR FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:synthetic
OTHER INFORMATION: probe, primer or target
-10-159-322-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

764 TGCTCAGGAGCTCAAC 781
||||| |||||
20 TGCTCAGGAGCTCAAC 3

SULT 1375
-10-154-251-82/c
Sequence 82, Application US/10154251
Publication No. US20030092024A1
GENERAL INFORMATION:
APPLICANT: Youngman, Philip
APPLICANT: Fritz, Christian
APPLICANT: Murphy, Christopher
APPLICANT: Guzman, Luz-Maria
TITLE OF INVENTION: ESSENTIAL
FILE REFERENCE: 06286-060002
CURRENT APPLICATION NUMBER: US/10/154,251
CURRENT FILING DATE: 2002-09-16
PRIOR APPLICATION NUMBER: US 10/154,251
PRIOR FILING DATE: 2002-05-22
NUMBER OF SEQ ID NOS: 102
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Streptococcus pneumoniae
-10-154-251-82

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1700 ACTCTCTGCTTCTTGGC 1717
||||| |||||
20 ATTCTCTGCTTCTTGGC 3

RESULT 1376
US-10-118-783-62/c
; Sequence 62, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Jones, Carolyn A.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; TITLE OF INVENTION: Chromosomal Rearrangements Associated With Cancer
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-62

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1393 ACCAAGCTGTGCAGTTT 1410
||||| |||||
Db 19 ATCCAGCTGTGCAGTTT 2

RESULT 1377
US-10-094-458A-33/c
; Sequence 33, Application US/10094458A
; Publication No. US20030097685A1
; GENERAL INFORMATION:
; APPLICANT: BENNING, CHRISTOPHER
; APPLICANT: CERNAC, ALEX
; TITLE OF INVENTION: LIPID METABOLISM REGULATORS IN PLANTS
; FILE REFERENCE: 16313.0097
; CURRENT APPLICATION NUMBER: US/10/094,458A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 60/274,170
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-094-458A-33

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CAAAAGCAAGCTCACAGA 686
||||| |||||
Db 19 CAAAATCAAGCTCCCTGA 2

RESULT 1378
US-10-143-266-8
; Sequence 8, Application US/10143266
; Publication No. US20030108987A1
; GENERAL INFORMATION:

```
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-143-266-8

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      829 CTCACCCCTGCTTTGAG 846
Db      3 CTCACCCCTGCTTCAG 20

RESULT 1379
US-10-190-012-18/c
; Sequence 18, Application US/10190012
; Publication No. US20030108971A1
; GENERAL INFORMATION:
; APPLICANT: Alessi, Dario R
; TITLE OF INVENTION: ENZYME
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jaeckle Fleischmann & Mugel, LLP
; STREET: 39 State Street
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14614-1310
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/190,012
; FILING DATE: 05-JUL-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,667
; FILING DATE: 03-OCT-1997
; APPLICATION NUMBER: GB 9705462.1
; FILING DATE: 17-MAR-1997
; APPLICATION NUMBER: GB 9712826.8
; FILING DATE: 19-JUN-1997
; APPLICATION NUMBER: GB 9717253.0
; FILING DATE: 15-AUG-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Braman, Susan J
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 87792.97R421
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 716-262-3640
; TELEFAX: 716-262-4133
; INFORMATION FOR SEQ ID NO: 18:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PCR PRIMER"
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-190-012-18

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1656 CCACACCCCTCACAGGC 1673
Db      20 CCACACGCCTAACAGGAC 3

RESULT 1380
US-10-006-430-27
; Sequence 27, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-27

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1627 GGCCCCCAGCAGCGCGG 1644
Db      1 GTCCCCAGCAGGCACTGG 18

RESULT 1381
US-10-279-186-20/c
; Sequence 20, Application US/10279186
; Publication No. US20030114407A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR
; FILE REFERENCE: ETER-LP-2 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/279,186
; CURRENT FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: US/10/003,126
; PRIOR FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-279-186-20

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
```

atches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

855 CAAGGACCTGAAGCAGTA 872
||||| ||| |||||
19 CAAGGGCGTGCAGCAGTA 2

SULT 1382
-10-232-561-4
Sequence 4, Application US/10232561
Publication No. US20030119772A1
GENERAL INFORMATION:
APPLICANT: Genetta, Thomas
TITLE OF INVENTION: Methods and compositions useful for
FILE REFERENCE: CHOP 00-99
CURRENT APPLICATION NUMBER: US/10/232,561
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: 60/317,300
PRIOR FILING DATE: 2001-09-05
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-232-561-4

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

623 AGCTGGACAACTGGGCG 640
||||| ||||| |||||
2 AGCTTGACAAAGTGGTCG 19

SULT 1383
-10-006-366-38/c
Sequence 38, Application US/10006366
Publication No. US20030125273A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
FILE REFERENCE: RTS-0332
CURRENT APPLICATION NUMBER: US/10/006,366
CURRENT FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-006-366-38

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

86 GCGGCTCTGAGTTGCTC 103
||||| ||||| |||||
18 GCTGCTCCGAGTTGCAC 1

SULT 1384
-10-007-010-86
Sequence 86, Application US/10007010
Publication No. US20030125275A1
GENERAL INFORMATION:

APPLICANT: Alexander H. Borchers
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
FILE REFERENCE: RTS-0345
CURRENT APPLICATION NUMBER: US/10/007,010
CURRENT FILING DATE: 2001-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-86

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 CCGCAGAGAGGTGCTACA 974
||||| ||||| |||||
DB 3 CCAGCAGAGATGCCACA 20

RESULT 1385
US-10-290-473-14
Sequence 14, Application US/10290473
Publication No. US20030134309A1
GENERAL INFORMATION:
APPLICANT: SIDRANSKY, DAVID
TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
SEQUENCE IN TISSUE
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/290,473
FILING DATE: 08-NO. US20030134309A1-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,727
FILING DATE: 12-MAY-1997
APPLICATION NUMBER: 08/299,477
FILING DATE: 31-AUG-1994
APPLICATION NUMBER: <Unknown>
FILING DATE: August 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin, Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-3485
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
TELEX: <unknown>
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO


```
1 FRAGMENT TYPE: <Unknown>
2 ORIGINAL SOURCE:
3 SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-290-473-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592
Db 1 GTGTCAGAGGATCTGAGA 18

RESULT 1386
US-10-290-473-34/c
; Sequence 34, Application US/10290473
; Publication No. US20030134309A1
; GENERAL INFORMATION:
; APPLICANT: SIDRANSKY, DAVID
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/290,473
; FILING DATE: 08-NO. US20030134309A1-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,727
; FILING DATE: 12-MAY-1997
; APPLICATION NUMBER: 08/299,477
; FILING DATE: 31-AUG-1994
; APPLICATION NUMBER: <Unknown>
; FILING DATE: August 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3485
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; TELE: <Unknown>
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-290-473-34

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592
```

```
Db 20 GTGTCAGAGGATCTGAGA 3

RESULT 1387
US-10-348-485-44
; Sequence 44, Application US/10348485
; Publication No. US20030148989A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: ISIS4954
; CURRENT APPLICATION NUMBER: US/10/348,485
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/025,139
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-348-485-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCTCAGAGGCGAGCCC 1678
Db 3 CCGTCTCAGGCGAGCCC 20

RESULT 1388
US-10-320-095-5/c
; Sequence 5, Application US/10320095
; Publication No. US20030149258A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Yeon-su
; APPLICANT: Kim, Mi-kyung
; APPLICANT: Lee, Jung-ham
; TITLE OF INVENTION: MULTIPLEX PCR PRIMER SET FOR HUMAN HNF-1 ALPHA GENE AMPLIFICATION
; CURRENT APPLICATION NUMBER: US/10/320,095
; CURRENT FILING DATE: 2002-12-16
; PRIOR APPLICATION NUMBER: Korean 2001-80909
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: forward primer for amplifying exon1 of MODY3 gene
US-10-320-095-5

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

496 CGGCTGCTGAGGGCTAC 513
19 CGGCTGCCACAGGGCCAC 2

SULT 1389
-10-376-566-32/c
Sequence 32, Application US/10376566
Publication No. US20030158144A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
APPLICANT: Erich Koller
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR BETA EXPRESSION
FILE REFERENCE: RTS-0347
CURRENT APPLICATION NUMBER: US/10/376,566
CURRENT FILING DATE: 2003-02-27
PRIOR APPLICATION NUMBER: US/10/005,058
PRIOR FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 96
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-376-566-32

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

697 GCACTCAAGGAGATCAGA 714
20 GAATTCAAGGAGATGAGA 3

SULT 1390
-10-255-478-39
Sequence 39, Application US/10255478
Publication No. US20030165498A1
GENERAL INFORMATION:
APPLICANT: Mezes, Peter S.
APPLICANT: Richard, Ruth A.
APPLICANT: Johnson, Kimberly S.
APPLICANT: Schlom, Jeffrey
APPLICANT: Kashmiri, Syed V.S.
APPLICANT: Shu, Liming
APPLICANT: Padlan, Eduardo A.
TITLE OF INVENTION: Composite Antibodies of Humanized Human Subgroup IV Light Chain
TITLE OF INVENTION: Capable of Binding to TAG-72
FILE REFERENCE: 37777E
CURRENT APPLICATION NUMBER: US/10/255,478
CURRENT FILING DATE: 2002-09-25
PRIOR APPLICATION NUMBER: US/08/961,309
PRIOR FILING DATE: 1997-10-30
PRIOR APPLICATION NUMBER: US 60/030,173
PRIOR FILING DATE: 1996-10-31
PRIOR APPLICATION NUMBER: US 08/261,354
PRIOR FILING DATE: 1994-06-16
PRIOR APPLICATION NUMBER: US 07/964,536
PRIOR FILING DATE: 1992-10-20
PRIOR APPLICATION NUMBER: US 07/510,697
PRIOR FILING DATE: 1990-07-17
NUMBER OF SEQ ID NOS: 78
SOFTWARE: Microsoft Word 97 SR-2
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: Primer 3 VL, noncoding

LOCATION: 1..20
OTHER INFORMATION: Reverse oligonucleotide primer for generating DNA encoding a
US-10-255-478-39

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1335 AGCCGAGGCCCTTTTGAG 1352
Db 1 AGCCGCGCGCCGTTTCAG 18

RESULT 1391
US-10-133-779-169
Sequence 169, Application US/10133779
Publication No. US20030165844A1
GENERAL INFORMATION:
APPLICANT: Chow, Robert
APPLICANT: Tonai, Richard
APPLICANT: StemCyte, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-000210US
CURRENT APPLICATION NUMBER: US/10/133,779
CURRENT FILING DATE: 2002-04-25
PRIOR APPLICATION NUMBER: US/09/747,391
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 169
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-133-779-169

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 8.4e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 1427 TCTCCGACAGAGATGCCATG 1446
Db 1 TCCYGCACAGAGATTCTGTG 20

RESULT 1392
US-10-114-544-18/c
Sequence 18, Application US/10114544
Publication No. US20030166592A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVER GLYCOGEN PHOSPHORYLASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0240
CURRENT APPLICATION NUMBER: US/10/114,544
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 10/019,470
PRIOR FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: US 09/357,071
PRIOR FILING DATE: 1999-07-19
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-114-544-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 125 TGGATCGATGAGGAAGA 142
|||||
D/ 19 TGGATCGATAGGAAGA 2

RESULT 1393
US-10-178-738-4/c
; Sequence 4, Application US/10178738
; Publication No. US20030166596A1
; GENERAL INFORMATION:
; APPLICANT: YANAI, Yoshiaki
; APPLICANT: ARIYASU, Harumi
; APPLICANT: OHTA, Tsunetaka
; APPLICANT: KURIMOTO, Masashi
; TITLE OF INVENTION: DNA WHICH ENCODES TREHALASE AND USES THEREOF
; FILE REFERENCE: YANAI=1
; CURRENT APPLICATION NUMBER: US/10/178,738
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US/09/578,921
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: JP 147284/1999
; PRIOR FILING DATE: 1999-05-26
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed oligonucleotide based on conserved nucleotide sequences
; OTHER INFORMATION: in cDNAs for human and rat trehalase
US-10-178-738-4

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 1481 TCCACAACTTCCTGACA 1498
|||||
D/ 20 TCCACAACTGCTGTGCA 3

RESULT 1394
US-10-326-190A-8
; Sequence 8, Application US/10326190A
; Publication No. US20030170215A1
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Ghih
; APPLICANT: Zheng, Tianli
; APPLICANT: Wang, Yanping
; APPLICANT: AmCye Inc.
; TITLE OF INVENTION: In Situ Maturation of Cultured Pancreatic Stem Cells
; TITLE OF INVENTION: Having a Specified, Intermediate Stage of Development
; FILE REFERENCE: 021164-000210US
; CURRENT APPLICATION NUMBER: US/10/326,190A
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: US 60/342,250
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:insulin LC RED
; OTHER INFORMATION: probe
US-10-326-190A-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Q/ 505 GAGGCTACTGGAGAG 522
|||||
D/ 3 GAGGGTCCCTGCAGAAG 20

RESULT 1395
US-10-020-721-6
; Sequence 6, Application US/10020721
; Publication No. US20030170629A1
; GENERAL INFORMATION:
; APPLICANT: HITACHI SOFTWARE ENGINEERING CO., LTD.
; TITLE OF INVENTION: DETECTION METHOD AND DETECTION KIT FOR PCR AMPLIFIED
; FILE REFERENCE: PH-1431
; CURRENT APPLICATION NUMBER: US/10/020,721
; CURRENT FILING DATE: 2001-12-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-020-721-6
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 1386 CCTCTCCACCAAGTGT 1403
|||||
D/ 2 CCTCATCTCCAGCTGT 19

RESULT 1396
US-10-305-810-18/c
; Sequence 18, Application US/10305810
; Publication No. US20030176385A1
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingfang
; APPLICANT: Huang, Chunli
; APPLICANT: Zhong, Haihong
; APPLICANT: Simons, Jan Fredrik
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Chant, John S.
; APPLICANT: Peyman, John A.
; APPLICANT: Smithson, Glennda
; APPLICANT: Millet, Isabelle
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN EXPRESSION
; FILE REFERENCE: 21402-501
; CURRENT APPLICATION NUMBER: US/10/305,810
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/334,148
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 60/336,572
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 09/625,634
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/192,838
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/194,256
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/957,187
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/233,798
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/970,813
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/182,637
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 60/240,316
; PRIOR FILING DATE: 2000-10-13

Remaining Prior Application data removed - See File Wrapper or PALM.

```

NUMBER OF SEQ ID NOS: 47
SOFTWARE: CuraSeqlist version 0.1
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: CG50249-01-AS2
-10-305-810-18

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

517 GAGAGGCTGACCTCAAT 534
||||| ||| ||| ||| |||
18 GAGAGGGTGATCCTCAAT 1

SULT 1397
-10-262-666-37
Sequence 37, Application US/10262666
Publication No. US20030180298A1
GENERAL INFORMATION:
APPLICANT: Nakayama, Eiichi
APPLICANT: Ono, Toshiro
APPLICANT: Old, Lloyd J.
APPLICANT: Hasegawa, Kosei
APPLICANT: Matsushita, Hirokazu
TITLE OF INVENTION: CANCER-TESTIS ANTIGENS
FILE REFERENCE: I00461.70140
CURRENT APPLICATION NUMBER: US/10/262,666
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: PCT/US02/12497
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US 60/356,937
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/285,343
PRIOR FILING DATE: 2001-04-20
NUMBER OF SEQ ID NOS: 80
SOFTWARE: PatentIn version 3.1
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-262-666-37

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1059 AATCCCAACAAGACATA 1076
||||| ||| ||| ||| |||
1 ACTCCCAACAAGGCATA 18

SULT 1398
-10-314-810-17/c
Sequence 17, Application US/10314810
Publication No. US20030180758A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/10/314,810
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US/09/841,366
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020

SULT 1399
-10-314-810-48/c
Sequence 48, Application US/10314810
Publication No. US20030180758A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/10/314,810
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US/09/841,366
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: FGA primer
US-10-314-810-48

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

575 GTGTCAGCCTATCTGAGA 592
||||| ||| ||| ||| |||
20 GTGTCAGAGATCTGAGA 3

SULT 1400
US-10-417-719-15/c
Sequence 15, Application US/10417719
Publication No. US20030180784A1
GENERAL INFORMATION:
APPLICANT: Millennium Pharmaceuticals, Inc
APPLICANT: McCarthy, Sean
APPLICANT: Gearring, David
TITLE OF INVENTION: HUMAN DELTA3 AND USES THEREOF
FILE REFERENCE: MB101997-002CF2M
CURRENT APPLICATION NUMBER: US/10/417,719
CURRENT FILING DATE: 2003-04-17
PRIOR APPLICATION NUMBER: US/09/568,218
PRIOR FILING DATE: 2000-05-09
PRIOR APPLICATION NUMBER: 08/872,855
PRIOR FILING DATE: 1997-06-11
PRIOR APPLICATION NUMBER: 08/832,633
```

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; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: D3S2432 primer
US-10-314-810-17

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1702 TCTCTGCTACCTGCTG 1719
||||| ||| ||| ||| |||
20 TGTCTATCTACCTGCTG 3
```

```

RESULT 1399
US-10-314-810-48/c
Sequence 48, Application US/10314810
Publication No. US20030180758A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/10/314,810
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US/09/841,366
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: FGA primer
US-10-314-810-48
```

```

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

575 GTGTCAGCCTATCTGAGA 592
||||| ||| ||| ||| |||
20 GTGTCAGAGATCTGAGA 3
```

```

RESULT 1400
US-10-417-719-15/c
Sequence 15, Application US/10417719
Publication No. US20030180784A1
GENERAL INFORMATION:
APPLICANT: Millennium Pharmaceuticals, Inc
APPLICANT: McCarthy, Sean
APPLICANT: Gearring, David
TITLE OF INVENTION: HUMAN DELTA3 AND USES THEREOF
FILE REFERENCE: MB101997-002CF2M
CURRENT APPLICATION NUMBER: US/10/417,719
CURRENT FILING DATE: 2003-04-17
PRIOR APPLICATION NUMBER: US/09/568,218
PRIOR FILING DATE: 2000-05-09
PRIOR APPLICATION NUMBER: 08/872,855
PRIOR FILING DATE: 1997-06-11
PRIOR APPLICATION NUMBER: 08/832,633
```

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; PRIOR FILING DATE: 1997-04-04
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-417-719-15

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1603 ACCGAGTCTTAAGCCACA 1620
Db      19 ACCGAGTCTCAAGCCGCA 2

RESULT 1401
US-10-032-585-4081
; Sequence 4081, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4081
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4081

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      916 CTGCTCTCTGTTCCAGCTG 933
Db      1 CTGCTCTCTGTTCCAGCTG 18

RESULT 1402
US-10-032-585-4186
; Sequence 4186, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4186

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      916 CTGCTCTCTGTTCCAGCTG 933
Db      1 CTGCTCTCTGTTCCAGCTG 18

RESULT 1403
US-10-032-585-4350/c
; Sequence 4350, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4350

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      364 GAGAGTGACCGAGGCTTCA 381
Db      19 GATAGTGCCAGGCATCA 2

RESULT 1404
US-10-084-839-2495/c
; Sequence 2495, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyumichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tssetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2495
; LENGTH: 20
; TYPE: DNA
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-10-084-839-2495

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1307 TCAAGACATCAACTACC 1324
|||||
20 TCAAGACCTAGCCTACC 3

SULT 1405
-10-109-349A-89/c
Sequence 89, Application US/10109349A
Publication No. US20030186246A1
GENERAL INFORMATION:
APPLICANT: Medical College of Ohio
APPLICANT: Willey, James C.
APPLICANT: Crawford, Erin L.
TITLE OF INVENTION: MULTIPLEX STANDARDIZED REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REA
TITLE OF INVENTION: METHOD FOR ASSESSMENT OF GENE EXPRESSION IN SMALL BIOLOGICAL SAM
FILE REFERENCE: 01154/2001-203
CURRENT APPLICATION NUMBER: US/10/109,349A
CURRENT FILING DATE: 2002-06-12
NUMBER OF SEQ ID NOS: 282
SOFTWARE: PatentIn version 3.1
SEQ ID NO 89
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-10-109-349A-89

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1328 AGTACCGAGCGAGCC 1345
|||||
20 AGTCCGAGCGAGACCC 3

SULT 1406
-10-165-099-164
Sequence 164, Application US/10165099
Publication No. US20030188326A1
GENERAL INFORMATION:
APPLICANT: D'Andrea, Alan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILI
TITLE OF INVENTION: DEFECTIVE DNA REPAIR MECHANISMS AND TREATMENT THEREOF
FILE REFERENCE: 7032/2055
CURRENT APPLICATION NUMBER: US/10/165,099
CURRENT FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 09/998,027
PRIOR FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: US 60/245,756
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 352
SOFTWARE: PatentIn version 3.1
SEQ ID NO 164
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Primer
-10-165-099-164

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 868 CAGTACCTGGATGACTGT 885
|||||
Db 2 CAGTGCCTTGGTACTGT 19
RESULT 1407
US-10-276-401-48/c
; Sequence 48, Application US/10276401
; Publication No. US20030190645A1
; GENERAL INFORMATION:
; APPLICANT: KeyGene N.V.
; TITLE OF INVENTION: Microsatellite-AFLP
; FILE REFERENCE: VAN EIJK-3
; CURRENT APPLICATION NUMBER: US/10/276,401
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: BO-43224
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 00201725.9
; PRIOR FILING DATE: 2000-05-15
; PRIOR APPLICATION NUMBER: 01200104.6
; PRIOR FILING DATE: 2001-01-01
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer
US-10-276-401-48

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 279 TCCTGGGGAAGTCTGTC 296
|||||
Db 19 TGCTAGGGAAGTCTGTC 2

RESULT 1408
US-10-080-979-52/c
; Sequence 52, Application US/10080979
; Publication No. US20030191075A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Bennett, Frank C.
; TITLE OF INVENTION: Oligonucleotide Conjugates For Hepatic Delivery
; FILE REFERENCE: Isis-5028
; CURRENT APPLICATION NUMBER: US/10/080,979
; CURRENT FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-080-979-52

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1388 TCCTCACCACAGCTGTGC 1405
|||||
Db 19 TCCTCACCACAGCGGTCC 2

RESULT 1409
US-10-463-509-18

```
; Sequence 18, Application US/10463509
; Publication No. US20030203468A1
; GENERAL INFORMATION:
; APPLICANT: Mattes, Ralf
; Klein, Kathrin
; Schiweck, Hubert
; Kunz, Markwart
; Muniir, Mohammed
; TITLE OF INVENTION: Preparation of Acariogenic Sugar
; Substitutes
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/463,509
; FILING DATE: 18-Jun-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/374,155A
; FILING DATE: 18-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 05638.0006-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-463-509-18

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 8.4e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 482 TACAGCTGACATCCGCTG 501
      |||||:|||||
Db 1 TCCAGTTCAGTCCGCTG 20

RESULT 1410
US-10-448-836-25/c
; Sequence 25, Application US/10448836
; Publication No. US20030207313A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-10-448-836-81

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 425 TGGCGCACCATCCCCCAG 442
      |||||:|||||
Db 18 TGTGCACCCAGCCCCCAG 1

RESULT 1412
US-10-148-835-133/c
```

```
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium avium
US-10-448-836-25

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1644 GCTGGAGGGATCCACAC 1661
      |||||:|||||
Db 18 GATGAGGGACTCCACAC 1

RESULT 1411
US-10-448-836-81/c
; Sequence 81, Application US/10448836
; Publication No. US20030207313A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-10-448-836-81
```

```
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 425 TGGCGCACCATCCCCCAG 442
      |||||:|||||
Db 18 TGTGCACCCAGCCCCCAG 1

RESULT 1412
US-10-148-835-133/c
```



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; APPLICATION NUMBER: US/10/136,145
; FILING DATE: 01-May-2002
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,852B
; FILING DATE: February 15, 1995
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-136-145-29

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 GCTCTGCACGAGATG 331
DQ 20 GTTCTGCACGAGATG 3

RESULT 1416
US-10-401-194-34
; Sequence 34, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Bertin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MPI02-041PIRNM
; CURRENT APPLICATION NUMBER: US/10/401,194
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/368,184
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-34

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1387 CTCCTCACCAAGCTGTG 1404
DQ 1 CTCCTCACCAAGCTGTG 18

RESULT 1417
US-10-055-624B-15/c
; Sequence 15, Application US/10055624B
; Publication No. US20030220238A1
; GENERAL INFORMATION:
; APPLICANT: Adams, Sean H
; APPLICANT: Chui, Clarissa
; APPLICANT: Goddard, Audrey D
; APPLICANT: Grimaldi, J. Christopher
; TITLE OF INVENTION: BFIT COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: 980081-0066
; CURRENT APPLICATION NUMBER: US/10/055,624B
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/263,362
; PRIOR FILING DATE: 2002-01-22
; NUMBER OF SEQ ID NOS: 23
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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer oligonucleotide
US-10-055-624B-15

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 452 CCACTGAGGCATCAACA 469
DQ 18 CCACTGAGGCATCTAGA 1

RESULT 1418
US-10-360-510-363/c
; Sequence 363, Application US/10360510
; Publication No. US20030220282A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPIB EXPRESSION
; FILE REFERENCE: ISPH-0576
; CURRENT APPLICATION NUMBER: US/10/360,510
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/854,883
; PRIOR FILING DATE: 2001-05-14
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/629,644
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 389
; SEQ ID NO 363
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-360-510-363

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 GGAACTGGAGACTTACA 619
DQ 19 GGGAACCTGAAGACTTCA 2

RESULT 1419
US-10-162-846-16/c
; Sequence 16, Application US/10162846
; Publication No. US20030224516A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROX-1 EXPRESSION
; FILE REFERENCE: RTS-0421
; CURRENT APPLICATION NUMBER: US/10/162,846
; CURRENT FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```



```

; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-142

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 GTGGGAACATCATCAACA 901
      ||||| ||||| |||||
DB 3 GTGGCTACTTCATCAACA 20

RESULT 1425
US-10-174-128-40
; Sequence 40, Application US/10174128
; Publication No. US20030232439A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-B EXPRESSION
; FILE REFERENCE: PTS-0035
; CURRENT APPLICATION NUMBER: US/10/174,128
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-128-40

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CACTCAGCTCTGCACCAG 325
      ||||| ||||| |||||
DB 3 CACGCGAGCTGGGCACCAG 20

RESULT 1426
US-10-174-128-72/c
; Sequence 72, Application US/10174128
; Publication No. US20030232439A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-B EXPRESSION
; FILE REFERENCE: PTS-0035
; CURRENT APPLICATION NUMBER: US/10/174,128
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-128-72

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CACTCAGCTCTGCACCAG 325
      ||||| ||||| |||||
DB 3 CACGCGAGCTGGGCACCAG 20

Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CACTCAGCTCTGCACCAG 325
      ||||| ||||| |||||
DB 18 CACGCGAGCTGGGCACCAG 1

RESULT 1427
US-10-174-460-21/c
; Sequence 21, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-21

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1166 TGGGCTGCATCTTCTATG 1183
      ||||| ||||| |||||
DB 19 TGGGCTGCAGCTCCTGTG 2

RESULT 1428
US-10-175-492-73
; Sequence 73, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-73

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 GGAAGTGTCCCTGCTCAA 770
      ||||| ||||| |||||
DB 1 GGAGGTGTCTTACTCAA 18

RESULT 1429
US-10-175-492-149/c
; Sequence 149, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
```

FILE REFERENCE: RTS-0435
CURRENT APPLICATION NUMBER: US/10/175,492
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 149
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-175-492-149

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

753 GGAAGTGTCCCTGCTCAA 770
||| ||||| |||||
20 GGAGGTGCTCTACTCAA 3

RESULT 1430

-10-174-020-38
Sequence 38, Application US/10174020
Publication No. US20030232770A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HYPOTHETICAL TUMOR ENDOTHELIAL MARKER EXP
FILE REFERENCE: RTS-0369
CURRENT APPLICATION NUMBER: US/10/174,020
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 149
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-174-020-38

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

949 TACTGCCACGGCAGAG 966
||| ||||| |||||
3 TAATGCTCGGAAG 20

RESULT 1431

3-10-448-914A-25/c
Sequence 25, Application US/10448914A
Publication No. US20030235856A1
GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joong; SJ HIGHTECH Co., Ltd.
APPLICANT: KIM, Cheol Min
APPLICANT: PARK, Hee Kyung
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: PP05020/PCT
CURRENT APPLICATION NUMBER: US/10/448,914A
CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 243
SOFTWARE: KopatentIn 1.71
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium avium
OTHER INFORMATION: complex(MAC)
US-10-448-914A-25

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1644 GCTGGAGGATGCCACAC 1661
||| ||||| |||||
Db 18 GATGGAGGACTCCACAC 1

RESULT 1432

US-10-448-914A-81/c
Sequence 81, Application US/10448914A
Publication No. US20030235856A1
GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joong; SJ HIGHTECH Co., Ltd.
APPLICANT: KIM, Cheol Min
APPLICANT: PARK, Hee Kyung
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: PP05020/PCT
CURRENT APPLICATION NUMBER: US/10/448,914A
CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
SOFTWARE: KopatentIn 1.71
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-10-448-914A-81

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 425 TGGCAACCATCCCCAC 442
||| ||||| |||||
Db 18 TGTGCACCCAGCCCCAC 1

RESULT 1433

US-10-452-002A-20/c
Sequence 20, Application US/10452002A
Publication No. US20030236195A1
GENERAL INFORMATION:
APPLICANT: Jerald S. Feitelson
APPLICANT: H. Ernest Schnepf
APPLICANT: Kenneth E. Narva
APPLICANT: Brian A. Stockhoff
APPLICANT: James L. Schmeits

```
; APPLICANT: David Loewer
; APPLICANT: Charles J. Dullum
; APPLICANT: Judy Muller-Cohn
; APPLICANT: Lisa Stamp
; APPLICANT: George Morrill
; APPLICANT: Stacey Finstad Lee
; TITLE OF INVENTION: No. US20030236195A1el Pesticidal Proteins and Methods of Using Th
; FILE REFERENCE: MA708C2D1
; CURRENT APPLICATION NUMBER: US/10/452,002A
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 09/307,106
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: 09/073,898
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/960,780
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: 60/029,848
; PRIOR FILING DATE: 1996-10-30
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: primer
US-10-452-002A-20

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1229 AACAGCTACTTCTCTCT 1246
      |||||
Db      19 AACAGCTACTTCTCTTT 2

RESULT 1434
US-10-452-002A-27
; Sequence 27, Application US/10452002A
; Publication No. US20030236195A1
; GENERAL INFORMATION:
; APPLICANT: Jerald S. Feitelson
; APPLICANT: H. Ernest Schnepf
; APPLICANT: Kenneth E. Narva
; APPLICANT: Brian A. Stockhoff
; APPLICANT: James L. Schmeits
; APPLICANT: David Loewer
; APPLICANT: Charles J. Dullum
; APPLICANT: Judy Muller-Cohn
; APPLICANT: Lisa Stamp
; APPLICANT: George Morrill
; APPLICANT: Stacey Finstad Lee
; TITLE OF INVENTION: No. US20030236195A1el Pesticidal Proteins and Methods of Using Th
; FILE REFERENCE: MA708C2D1
; CURRENT APPLICATION NUMBER: US/10/452,002A
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 09/307,106
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: 09/073,898
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/960,780
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: 60/029,848
; PRIOR FILING DATE: 1996-10-30
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: primer
US-10-452-002A-27

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1229 AACAGCTACTTCTCTCT 1246
      |||||
Db      2 AACAGCTACTTCTCTTT 19

RESULT 1435
US-10-186-157-57/c
; Sequence 57, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
; APPLICANT: Andrew I. Watt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
; FILE REFERENCE: RTS-0193
; CURRENT APPLICATION NUMBER: US/10/186,157
; CURRENT FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-186-157-57
```

```
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      537 CCCATCTTTGACAAAGCC 554
      |||||
Db      18 CCGGATCATTGACAAAGCC 1
```

```
RESULT 1436
US-10-174-014-29/c
; Sequence 29, Application US/10174014
; Publication No. US20040005292A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-014-29
```

```
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      146 AACGGCAGCTGTCAATGA 163
      |||||
Db      20 AAAGGCAGATGTAAATGA 3
```

RESULT 1437

```
-10-188-646-28
Sequence 28, Application US/10188646
Publication No. US20040005565A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-188-646-28
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
, 1214 GCTCCACGGTGGAGAAC 1231
| | | | | | | | | | | | | | | |
) 2 GGTCCACGGTGCAGGCAC 19
| | | | | | | | | | | | | | | |
RESULT 1438
-10-188-646-32/c
Sequence 32, Application US/10188646
Publication No. US20040005565A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-188-646-32
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
, 1214 GCTCCACGGTGGAGAAC 1231
| | | | | | | | | | | | | | | |
) 2 GGTCCACGGTGCAGGCAC 19
| | | | | | | | | | | | | | | |
RESULT 1439
-10-188-646-103/c
Sequence 103, Application US/10188646
Publication No. US20040005565A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-103
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1214 GCTCCACGGTGGAGAAC 1231
| | | | | | | | | | | | | | | |
Db 19 GGTCCACGGTGCAGGCAC 2
| | | | | | | | | | | | | | | |
RESULT 1440
US-10-188-646-107
Sequence 107, Application US/10188646
Publication No. US20040005565A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 107
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-107
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1661 CCCCTCACAGGCGAGCCC 1678
| | | | | | | | | | | | | | | |
Db 1 CCGCTCTCTGGGCGAGCCC 18
| | | | | | | | | | | | | | | |
RESULT 1441
US-10-188-779A-132/c
Sequence 132, Application US/10188779A
Publication No. US20040005567A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
FILE REFERENCE: PTS-0042
CURRENT APPLICATION NUMBER: US/10/188,779A
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 282
SEQ ID NO 132
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-132
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 979 GACCTCAAGCCCGAGAAC 996
| | | | | | | | | | | | | | | |
Db 19 GACCTGAAGCCCGAGAAC 2
| | | | | | | | | | | | | | | |
RESULT 1442
US-10-349-143-5836/c
Sequence 5836, Application US/10349143
```

```
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5836
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-7212 for SEQ 1902,
US-10-349-143-5836

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1525 ATTCACTACATAAGGAG 1542
||||| ||||| |||||
Db 19 ATTCACTACATAAGGAG 2

RESULT 1443
US-10-349-143-8572/c
Sequence 8572, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8572
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-1664 for SEQ 707, in complement
US-10-349-143-8572

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1302 GGATTCAGACATACAA 1319
```

```
||||| | ||||| |||||
Db 20 GGAGATAGACATACAA 3

RESULT 1444
US-10-402-089-14
Sequence 14, Application US/10402089
Publication No. US20040005663A1
GENERAL INFORMATION:
APPLICANT: Bell, Marcum P.
APPLICANT: Neff, Thomas B.
APPLICANT: Polarek, James W.
APPLICANT: Sealey, Todd W.
TITLE OF INVENTION: PORCINE COLLAGENS AND GELATINS
FILE REFERENCE: FP0402.3 CON
CURRENT APPLICATION NUMBER: US/10/402,089
CURRENT FILING DATE: 2003-03-26
PRIOR APPLICATION NUMBER: US 09/709,700
PRIOR FILING DATE: 2000-11-10
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn version 3.2
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-402-089-14

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 39 GCGAGGAGGACGACGAGT 56
||||| ||||| |||||
Db 1 GCCAGGAGCACCAGCAAT 18

RESULT 1445
US-10-177-896-45
Sequence 45, Application US/10177896
Publication No. US20040005705A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
FILE REFERENCE: PFS-0045
CURRENT APPLICATION NUMBER: US/10/177,896
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 74
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-896-45

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 393 GGATGAGTGCAGTCTCC 410
||||| ||||| |||||
Db 3 GCATGATGCCAGTCTCC 20

RESULT 1446
US-10-189-266-51/c
Sequence 51, Application US/10189266
Publication No. US20040006029A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
```

FILE REFERENCE: RTS-0384
CURRENT APPLICATION NUMBER: US/10/189,266
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 150

SEQ ID NO 51
LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

1-10-189-266-51

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1022 TCAAGTCGGCTGACTTTG 1039

18 TTAAACTGGCTGATTG 1

RESULT 1447

US-10-289-762-3591/c

Sequence 3591, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3591

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

3-10-289-762-3591

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

819 GGAGAGTCCCTCACCT 836

19 GGACAAAGTAGCTCACCT 2

RESULT 1448

US-10-289-762-3605

Sequence 3605, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3605

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

S-10-289-762-3605

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

756 AGTGTCCTGCTCAAGGA 773

Db 2 AGATTCCCTTCTCAAGGA 19

RESULT 1449

US-10-289-762-4303

Sequence 4303, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4303

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-10-289-762-4303

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 186 AGACAGACCAATGGTGC 203

Db 2 AGAGAAGACCTTTGGTGC 19

RESULT 1450

US-10-289-762-4426

Sequence 4426, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4426

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-10-289-762-4426

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 249 TGACCCCTGGAGAGCCCC 266

Db 1 TGTCCCTAGAGAGACCCC 18

RESULT 1451

US-10-289-762-4963

Sequence 4963, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849


```
SEQ ID NO 4963
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-4963

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Mismatches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1637 GGCAGCGCTGGAGGAT 1654
Db 1 GGCAGAGCTGGAAGAT 18

RESULT 1452
US-10-428-487-81
; Sequence 81, Application US/10428487
; Publication No. US20040006780A1
; GENERAL INFORMATION:
; APPLICANT: RASTELLI, LUCA K.
; APPLICANT: GERBER, HANS-PETER
; TITLE OF INVENTION: VRGP-MODULATED GENES AND METHODS EMPLOYING THEM
; FILE REFERENCE: 0960080-0103
; CURRENT APPLICATION NUMBER: US/10/428,487
; CURRENT FILING DATE: 2003-05-02
; PRIOR APPLICATION NUMBER: 09/815,153
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,201
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-428-487-81

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Mismatches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1153 GACATGTGGGTGTGGC 1170
Db 2 GACAGGTGGGTGAGGCG 19

RESULT 1453
US-10-402-072A-14
; Sequence 14, Application US/10402072A
; Publication No. US20040018592A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Marcum P.
; APPLICANT: Neff, Thomas B.
; APPLICANT: Polarek, James W.
; APPLICANT: Seeley, Todd W.
; TITLE OF INVENTION: BOVINE COLLAGENS AND GELATINS
; FILE REFERENCE: FP0402.2 CON
; CURRENT APPLICATION NUMBER: US/10/402,072A
; CURRENT FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 09/709,700
; PRIOR FILING DATE: 2000-11-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-402-072A-14
```

```
Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Mismatches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 GGCAGGAGGACCGACGT 56
Db 1 GGCAGGAGGACCGACCAT 18

RESULT 1454
US-10-210-479-65/c
; Sequence 65, Application US/10210479
; Publication No. US20040023380A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
; FILE REFERENCE: RTS-0385
; CURRENT APPLICATION NUMBER: US/10/210,479
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-479-65

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Mismatches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 AGCTGGCTGACTTTGGCC 1042
Db 19 AGCTGGCTGCCCTTCGCC 2

RESULT 1455
US-10-210-556-111
; Sequence 111, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 111
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-556-111

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Mismatches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 TCCTGTTCCAGCTGCTCC 937
Db 1 TCCTCTTCCAGCTTGTC 18

RESULT 1456
US-10-210-556-111/c
; Sequence 111, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
```

APPLICANT: Lex M. Cowser
 APPLICANT: Susan M. Freier
 APPLICANT: Kenneth W. Dobie
 FILE OF INVENTION: ANTISENSE MODULATION OF PTTPA EXPRESSION
 TITLE REFERENCE: PTS-0015
 CURRENT APPLICATION NUMBER: US/10/210,556
 CURRENT FILING DATE: 2002-07-31
 NUMBER OF SEQ ID NOS: 227
 SEQ ID NO 111
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 i-10-210-556-111

```

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      626  TGGACAAACTGGCGGAGG 643
            ||||| ||||| |||||
19  TGGACAAGCTGGAAGAGG 2

```

SULT 1457
--10-210-556-115/c
Sequence 115, Application US/10210556
Publication No. US20040023904A1
GENERAL INFORMATION:

```

Query Match          0.8%;   Score 13.2;  DB 1;  Length 20;
Best Local Similarity 83.3%;   Pred. No. 8.4e-02;
Matches 15;  Conservative 0;  Mismatches 3;  Indels 0;  Gaps 0;

Y      850  CTGGCACAGGACCTGAAG 867
      |||||
      79  CTTCACATGAGCACTTAAG 2

```

RESULT 1458
3-10-210-556-205
Sequence 205, Application US/10210556
Publication No. US20040023904A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
FILE REFERENCE: PVS-0015
CURRENT APPLICATION NUMBER: US/10/210,556
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 227
SEQ ID NO 205
LENGTH: 20
TYPE: DNA
ORGANISM: M. musculus
FEATURE:

US-10-210-556-205

	Query Match	0.8%;	Score 13.2;	DB 1;	Length 20;
	Best Local Similarity	83.3%;	Pred. No. 8.4e+02;		
	Matches 15;	Conservative	0;	Mismatches 3;	Indels 0;
QY	626	TTGCACAACTGGCGGAGG	643		
Db	2	TTGCACAGCTTGAAGAGG	19		

```

RESULT 1459
US-10-210-556-205/c
; Sequence 205, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTFR4 EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 205
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
; US-10-210-556-205

```

Query Match	0.88	Score 13.2	DB 1	Length 20
Best Local Similarity	83.3	Pred. No. 8.4e+02		
Matches 15	Conservative 0	Mismatches 3	Indels 0	Gaps 0
Qy	920	TCCTGTTCCAGCTGCTCC	937	
ph	20	TCCTGTTCCAGCTGCTCC	3	

RESULT 1460
US-10-210-838-108/c
; Sequence 108, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-838-108

	Query Match	0.8%	Score 13.2	DB 1	Length 20
Best Local Similarity	83.3%	Fred.No. 8.4e+02			
Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;	
QY	153	GCTGTCAATGACACTCG	170		
Dh	18	GCAGTCAAGGCAATCG	1		

RESULT 1461
IIS-10-210-838-189

; Sequence 189, Application US/10210838
; Publication No. US20040023905A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Sanjay Bhanot

; APPLICANT: Kenneth W. Dobie

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION

; FILE REFERENCE: PTS-0013

; CURRENT APPLICATION NUMBER: US/10/210,838

; CURRENT FILING DATE: 2002-07-31

; NUMBER OF SEQ ID NOS: 198

; SEQ ID NO 189

; LENGTH: 20

; TYPE: DNA

; ORGANISM: M. musculus

; FEATURE:

US-10-210-838-189

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 153 GCTGTCAATGACACTCCG 170

DB 3 GCAGTCAGGACAATCCG 20

RESULT 1462

US-10-211-179-57/c

; Sequence 57, Application US/10211179

; Publication No. US20040023906A1

; GENERAL INFORMATION:

; APPLICANT: Nicholas M. Dean

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRYSYL PHOSPHATASE ACTIVATOR EXPRESSION

; FILE REFERENCE: PTS-0011

; CURRENT APPLICATION NUMBER: US/10/211,179

; CURRENT FILING DATE: 2002-08-01

; NUMBER OF SEQ ID NOS: 119

; SEQ ID NO 57

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-211-179-57

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1481 TCCACAACTTCTGTGACA 1498

DB 20 TCCACACAGTCCAGACA 3

RESULT 1463

US-10-444-206-26

; Sequence 26, Application US/10444206

; Publication No. US20040023917A1

; GENERAL INFORMATION:

; APPLICANT: Bennett, Clarence Frank

; APPLICANT: Vickers, Timothy A.

; APPLICANT: Karras, James G.

; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the

; TITLE OF INVENTION: Modulation of the Expression of B7 Protein

; FILE REFERENCE:

; CURRENT APPLICATION NUMBER: US/10/444,206

; CURRENT FILING DATE: 2003-05-23

; PRIOR APPLICATION NUMBER: 09/851,871

; PRIOR FILING DATE: 2001-05-09

; PRIOR APPLICATION NUMBER: PCT/US00/14471

; PRIOR FILING DATE: 2000-05-25

; PRIOR APPLICATION NUMBER: 09/326,186

; PRIOR FILING DATE: 1999-06-04

; PRIOR APPLICATION NUMBER: 08/777,266

; PRIOR FILING DATE: 1996-12-31

; NUMBER OF SEQ ID NOS: 444

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 26

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-444-206-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 814 CACACGGAGAGTCCCTC 831

DB 2 CTCACGTAGAAGACCCCTC 19

RESULT 1464

US-10-628-841-59

; Sequence 59, Application US/10628841

; Publication No. US20040023918A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wvatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION

; FILE REFERENCE: RFS-0191

; CURRENT APPLICATION NUMBER: US/10/628,841

; CURRENT FILING DATE: 2003-07-28

; PRIOR APPLICATION NUMBER: US/09/972,607

; PRIOR FILING DATE: 2001-10-06

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 59

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-628-841-59

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 927 CCAGCTCTCGTGGCCT 944

DB 3 CCAGCTTCTCCGGCCT 20

RESULT 1465

US-10-462-261-57/c

; Sequence 57, Application US/10462261

; Publication No. US20040029248A1

; GENERAL INFORMATION:

; APPLICANT: Garrett M. Brodeur

; APPLICANT: Peter S. White

; TITLE OF INVENTION: CHDS ENCODING NUCLEIC ACIDS,

; TITLE OF INVENTION: POLYPEPTIDES, ANTIBODIES AND METHODS OF USE THEREOF

; FILE REFERENCE: CHOP0162

; CURRENT APPLICATION NUMBER: US/10/462,261

; CURRENT FILING DATE: 2003-06-16

; PRIOR APPLICATION NUMBER: 60/388,848

; PRIOR FILING DATE: 2002-06-14

; NUMBER OF SEQ ID NOS: 69

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 57

; LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-462-261-57

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

508 GGCTACCTGGAGAAGCTG 525
19 GACTACTGGAGAAGCTG 2

SULT 1466
-10-188-248-115
Sequence 115, Application US/10188248
Publication No. US20040029790A1
GENERAL INFORMATION:

APPLICANT: Patturajan, Meera
APPLICANT: Gerlach, Valerie
APPLICANT: Anderson, David W.
APPLICANT: Taupier Jr., Raymond J.
APPLICANT: Zerhusen, Bryan D.
APPLICANT: XiaoJia Sasha
APPLICANT: Casman, Stacie J.
APPLICANT: Hjalt, Tord
APPLICANT: Miller, Charles E.
APPLICANT: Kekuda, Ramesh
APPLICANT: Shimkets, Richard A.
APPLICANT: Malyankar, Uriel M.
APPLICANT: Zhong, Mei
APPLICANT: Padigar, Muralidhara
APPLICANT: Li, Li
APPLICANT: Shenoy, Suresh G.
APPLICANT: Gorman, Linda
APPLICANT: Edinger, Shlomit R.
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
FILE REFERENCE: 21402-297D
CURRENT APPLICATION NUMBER: US/10/188,248
PRIOR FILING DATE: 2002-07-02
PRIOR APPLICATION NUMBER: 60/303,046
PRIOR FILING DATE: 2001-07-05
PRIOR APPLICATION NUMBER: 60/303,828
PRIOR FILING DATE: 2001-07-09
PRIOR APPLICATION NUMBER: 60/358,932
PRIOR FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: 60/304,502
PRIOR FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 60/305,011
PRIOR FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 60/305,262
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 60/307,536
PRIOR FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: 60/306,085
PRIOR FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 60/308,228
PRIOR FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/323,449
PRIOR FILING DATE: 2001-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 234
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 115
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
S-10-188-248-115

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 461 ACATCAACAAGCGCCTAT 478
DB 2 ACTTCATCAAGCGCCTCT 19

RESULT 1467
US-10-665-216-40/c
Sequence 40, Application US/10665216
Publication No. US20040043957A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF UROKINASE PLASMINOGEN ACTIVATOR EXPRESSION
FILE REFERENCE: RTS-0188
CURRENT APPLICATION NUMBER: US/10/665,216
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US/09/821,972
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-665-216-40

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 425 TGGCGAACCATCCCCC 442
DB 19 TGGCGAGCCATCCGGAC 2

RESULT 1468
US-10-665-216-99/c
Sequence 99, Application US/10665216
Publication No. US20040043957A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF UROKINASE PLASMINOGEN ACTIVATOR EXPRESSION
FILE REFERENCE: RTS-0188
CURRENT APPLICATION NUMBER: US/10/665,216
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US/09/821,972
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 99
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-665-216-99

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 142 ATCAAAAGCGCAGCTGTCA 159
DB 19 ATCAAACTGGCTGTCA 2

```
RESULT 1469
US-10-380-125-71/c
; Sequence 71, Application US/10380125
; Publication No. US20040048818A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RSP-0176
; CURRENT APPLICATION NUMBER: US/10/380,125
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/658,679
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-125-71

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 503 CTGAGGCGCTACCTGGAGA 520
Db 20 CTGAGGACAACTCGACA 3

RESULT 1470
US-10-630-401-57
; Sequence 57, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-57

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1334 GAGCCGAGGCGCCCTTTTGA 1351
Db 2 GAGCAGAGGCCCTCTGA 19

RESULT 1471
US-10-380-195A-12/c
; Sequence 12, Application US/10380195A
; Publication No. US20040072776A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Kiyama, Satoshi
; APPLICANT: Nelson, Colleen
; APPLICANT: Rennie, Paul
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH (DROSOPHILA) HOMOLOG 4 EXPRESSION
; FILE REFERENCE: RTS-0263
```

```
; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
; FILE REFERENCE: UBC-P-023
; CURRENT APPLICATION NUMBER: US/10/380,195A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: PCT/US01/28748
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: US 60/232,641
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-12

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1591 CGCGTGGTGACACCCGAG 1608
Db 20 CGCGGGGTGCACACCCAG 3

RESULT 1472
US-10-380-195A-55/c
; Sequence 55, Application US/10380195A
; Publication No. US20040072776A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Kiyama, Satoshi
; APPLICANT: Nelson, Colleen
; APPLICANT: Rennie, Paul
; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
; FILE REFERENCE: UBC-P-023
; CURRENT APPLICATION NUMBER: US/10/380,195A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: PCT/US01/28748
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: US 60/232,641
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-55

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1591 CGCGTGGTGACACCCGAG 1608
Db 20 CGCGGGGTGCACACCCAG 3

RESULT 1473
US-10-272-810-71
; Sequence 71, Application US/10272810
; Publication No. US20040077568A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH (DROSOPHILA) HOMOLOG 4 EXPRESSION
; FILE REFERENCE: RTS-0263
```

```
CURRENT APPLICATION NUMBER: US/10/272,810
CURRENT FILING DATE: 2002-10-16
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-272-810-71

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1018 GAGCTCAAGCTGGCTGAC 1035
      ||||| ||||| |||||
      2 GAGCAGAAGCTGGCAGAC 19

RESULT 1474
-10-273-070-71
Sequence 71, Application US/10273070
Publication No. US20040077569A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH (DROSOPHILA) HOMOLOG 4 EXPRESSION
FILE REFERENCE: RTS-0231
CURRENT APPLICATION NUMBER: US/10/273,070
CURRENT FILING DATE: 2002-10-16
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-273-070-71

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1018 GAGCTCAAGCTGGCTGAC 1035
      ||||| ||||| |||||
      2 GAGCAGAAGCTGGCAGAC 19

RESULT 1475
-10-274-085-47/c
Sequence 47, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-274-085-47

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1018 GAGCTCAAGCTGGCTGAC 1035
      ||||| ||||| |||||
      2 GAGCAGAAGCTGGCAGAC 19

RESULT 1476
-10-274-085-77/c
Sequence 77, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-085-77

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1027 CTGCTGACCTTGGCCTG 1044
      ||||| ||||| |||||
      18 CTGGCGGACCTGGGCTG 1

RESULT 1477
US-10-274-085-159
Sequence 159, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 159
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-10-274-085-159

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1709 CTACCTGCTGAGCCATG 1726
      ||||| ||||| |||||
      3 CTCCTGGCTGAGCCACG 20

RESULT 1478
US-10-274-085-181
Sequence 181, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
```

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QY 1709 CTACCTGCTGAGCCATG 1726
||| ||| ||| ||| |||
Db 18 CTCCTGGCTGAGCCACG 1

RESULT 1476
US-10-274-085-77/c
Sequence 77, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-085-77

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1027 CTGCTGACCTTGGCCTG 1044
||| ||| ||| ||| |||
Db 18 CTGGCGGACCTGGGCTG 1

RESULT 1477
US-10-274-085-159
Sequence 159, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 159
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-10-274-085-159

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1709 CTACCTGCTGAGCCATG 1726
||| ||| ||| ||| |||
Db 3 CTCCTGGCTGAGCCACG 20

RESULT 1478
US-10-274-085-181
Sequence 181, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
```

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CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 181
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-10-274-085-181

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1027 CTGGCTGACTTTGGCCTG 1044
|||||
Db 3 CTGGCGGACCTGGGCTG 20

RESULT 1479
US-10-728-509-168/c
; Sequence 168, Application US/10728509
; Publication No. US2004007583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-168

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 78 AGGCGCCCGCGGCTCTGA 95
|||||
Db 18 AGGCGCCACGACTCTGA 1

RESULT 1480
US-10-280-183A-467/c
; Sequence 467, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Reed, Jeffrey D
; APPLICANT: Ohmen, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652

; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 467
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-467

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 829 CTCACCTTGTCTTTGAG 846
|||||
Db 19 CTCAGGCTTGTTTTGAG 2

RESULT 1481
US-10-292-849-23/c
; Sequence 23, Application US/10292849
; Publication No. US20040092463A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
; FILE REFERENCE: RTS-0170
; CURRENT APPLICATION NUMBER: US/10/292,849
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-292-849-23

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 848 ACCTGGACAGGACCTGA 865
|||||
Db 19 ACGTGGAGAGGACCGGA 2

RESULT 1482
US-10-292-849-28/c
; Sequence 28, Application US/10292849
; Publication No. US20040092463A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
; FILE REFERENCE: RTS-0170
; CURRENT APPLICATION NUMBER: US/10/292,849
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-292-849-28

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 753 GGAAGTGTCTCTGCTCAA 770
|||||
Db 18 GGAAGTGTCTCTGCTGAA 1

RESULT 1483
```

-10-292-849-96
Sequence 96, Application US/10292849
Publication No. US20040092463A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF P
FILE REFERENCE: RTS-0170
CURRENT APPLICATION NUMBER: US/10/2
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 96
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
1-10-292-849-96

Query Match	0.8%	Score 13.2;	DB 1;	Length 20;
Best Local Similarity	83.3%;	Pred. No. 8.4e-02;		
Matches 15; Conservative	0;	Mismatches 3;	Indels	0; Gaps 0;
/	848	ACCTGCACAAGGACCTGA	865	
)	2	ACGTGGAGAAGGACCGGA	19	

3-10-292-849-100
Sequence 100, Application US/10292849
Publication NO. US20040092463A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
FILE REFERENCE: RTS-0170
CURRENT APPLICATION NUMBER: US/10/292,849
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 100
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
3-10-292-849-100

	Query Match	0.8%;	Score 13.2;	DB 1;	Length 20;
Best Local Similarity	83.3%;				
Pred. No. 8.4e-02;					
Matches 15;	Conservative	0;	Mismatches 3;	Indels	0; Gaps 0;
<i>t</i>	753	GGAAAGTGTCCTGCTCAA	770		
	3	GGAAAGTGTCCTGCTCAA	20		

RESULT 1485
 S-10-293-869-24
 Sequence 24, Application US/10293869
 Publication NO. US20040037440A1
 GENERAL INFORMATION:
 APPLICANT: C. Frank Bennett
 APPLICANT: Nicholas M. Dean
 APPLICANT: Kenneth W. Dobie
 TITLE OF INVENTION: MODULATION OF JUMONJI EXPRESSION
 FILE REFERENCE: HTS-0012
 CURRENT APPLICATION NUMBER: US/10/293,869
 CURRENT FILING DATE: 2002-11-11
 NUMBER OF SEQ ID NOS: 72
 SEQ ID NO 24
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 S-10-293-869-24

```

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred No 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1161 GGGTGTGGGCTGCATCTT 1178
Db       3 GGGTGTGGACCATCTT 20

```

```

RESULT 1486
US-10-298-994-123/c
; Sequence 123, Application US/10298994
; Publication No. US20040097446A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF CHECKPOINT KINASE 1 EXPRESSION
; FILE REFERENCE: HTS-0006
; CURRENT APPLICATION NUMBER: US/10/298,994
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-994-123

```

Query Match	0.8%	Score 13.2	DB 1	Length 20
Best Local Similarity	83.3%	Pred. No. 8.4e+02		
Matches 15	Conservative	0	Mismatches 3	Indels 0
Gaps				0
Qy	138	GAAGATCAAAACGGCAGCT	155	
Db	18	GAAGATTAAAGGGGAAGCT	1	

```

RESULT 1487
US-10-300-236-48/c
; Sequence 48, Application US/10300236
; Publication No. US20040097448A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF CD24 EXPRESSION
; FILE REFERENCE: RTS-0178
; CURRENT APPLICATION NUMBER: US/10/300,236
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-236-48

```

Query Match	0.8%	Score 13.2	DB 1	Length 20
Best Local Similarity	83.3%	Prod. No. 8.4e+02		
Matches 15	Conservative	0	Mismatches 3	Indels 0
Gaps				

RESULT 1488
US-10-300-236-118
; Sequence 118, Application US/10300236
; Publication No. US20040097448A1


```
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF CD24 EXPRESSION
; FILE REFERENCE: RTS-0178
; CURRENT APPLICATION NUMBER: US/10/300,236
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-300-236-118

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1282 CCAGCATCTGTCCCAAC 1299
||| ||||| |||||
Gb 2 CCAAGCATCTGTGAGCAAC 19

RESULT 1489
US-10-303-266-54/c
; Sequence 54, Application US/10303266
; Publication No. US20040101848A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF GLUCOSE TRANSPORTER-4 EXPRESSION
; FILE REFERENCE: RTS-0426
; CURRENT APPLICATION NUMBER: US/10/303,266
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-266-54

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 918 GTTCCTGTTCAGCTGCT 935
||| ||||| |||||
Gb 20 GTCCTGTTCAGCTCCT 3

RESULT 1490
US-10-303-266-130
; Sequence 130, Application US/10303266
; Publication No. US20040101848A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF GLUCOSE TRANSPORTER-4 EXPRESSION
; FILE REFERENCE: RTS-0426
; CURRENT APPLICATION NUMBER: US/10/303,266
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-266-130

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 918 GTTCCTGTTCAGCTGCT 935
||| ||||| |||||
Gb 20 GTCCTGTTCAGCTCCT 3

RESULT 1491
US-10-304-105-29
; Sequence 29, Application US/10304105
; Publication No. US20040101854A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BCL2-ASSOCIATED ATHANOGENE EXPRESSION
; FILE REFERENCE: HTS-0003
; CURRENT APPLICATION NUMBER: US/10/304,105
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-105-29

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1560 GTCGATGCCTCACTCAGG 1577
||| ||||| |||||
Gb 1 GTCGCTTCCTCACTCAGG 18

RESULT 1492
US-10-304-105-58/c
; Sequence 58, Application US/10304105
; Publication No. US20040101854A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BCL2-ASSOCIATED ATHANOGENE EXPRESSION
; FILE REFERENCE: HTS-0003
; CURRENT APPLICATION NUMBER: US/10/304,105
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-304-105-58

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1560 GTCGATGCCTCACTCAGG 1577
||| ||||| |||||
Gb 20 GTCGCTTCCTCACTCAGG 3

RESULT 1493
US-10-304-107-70
; Sequence 70, Application US/10304107
; Publication No. US20040101855A1
; GENERAL INFORMATION:
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; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-63

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY      695 TGGCACTCAAGGAGATCA 712
Db      18 TGGAACTCCAGCAGATCA 1
      ||| ||||| ||||| |||||
RESULT 1499
US-10-688-706-186/c
; Sequence 186, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-186

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY      695 TGGCACTCAAGGAGATCA 712
Db      19 TGGAACTCCAGCAGATCA 2
      ||| ||||| ||||| |||||
RESULT 1500
US-10-688-706-299/c
; Sequence 299, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 299
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-912

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY      695 TGGCACTCAAGGAGATCA 712
Db      20 TGGAACTCCAGCAGATCA 3
      ||| ||||| ||||| |||||
RESULT 1502
US-10-688-706-912
; Sequence 912, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 912
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-912

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

1067 CAAAGACATCTCCCAATG 1084
||||| |||||||
2 CAAAGTAATCTCCCACTG 19

RESULT 1503
S-10-688-706-1036
Sequence 1036, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1036
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
S-10-688-706-1036

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1186 ATGCCACACAGCGCGTCCC 1203
|| |||||||
2 ATTACCACAGCGCGCCCC 19

RESULT 1504
S-10-688-706-1070
Sequence 1070, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1070
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
S-10-688-706-1070

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1186 ATGCCACACAGCGCGTCCC 1203
|| |||||||
1 ATTACCACAGCGCGCCCC 18

RESULT 1505
S-10-688-706-1082
Sequence 1082, Application US/10688706

Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1082
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
US-10-688-706-1082

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1067 CAAAGACATCTCCCAATG 1084
||||| |||||||
Db 1 CAAAGTAATCTCCCACTG 18

RESULT 1506
US-10-688-706-1793/c
Sequence 1793, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1793
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
US-10-688-706-1793

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 341 ACTTGAAGATGGGCTCTG 358
||||| |||||||
Db 19 ATTGAAGATGGGATGTG 2

RESULT 1507
US-10-688-706-1794/c
Sequence 1794, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268

```

; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1794
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1794

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 341 ACTTGAAGATGGGGTCTG 358
DQ 20 ATTGAAGATGGGATGTG 3

RESULT 1508
US-10-688-706-1867
; Sequence 1867, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1867
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1867

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 881 ACTGTGGGAACATCATCA 898
DQ 3 ACTGTGCAACATCATCA 20

RESULT 1509
US-10-688-706-2156
; Sequence 2156, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2156
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2156

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 881 ACTGTGGGAACATCATCA 898
DQ 3 ACTGTGCAACATCATCA 20

RESULT 1510
US-10-688-706-2548/c
; Sequence 2548, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2548
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2548

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 341 ACTTGAAGATGGGGTCTG 358
DQ 18 ATTGAAGATGGGATGTG 1

RESULT 1511
US-10-688-706-3054
; Sequence 3054, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3054
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-3054

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 662 ACAAGGCAAAAGCAAGC 679
DQ 3 ACTAAGGAAAGCAAC 20
```

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US-10-688-706-2156

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 881 ACTGTGGGAACATCATCA 898
DQ 2 ACTGTGCAACATCATCA 19

RESULT 1510
US-10-688-706-2548/c
; Sequence 2548, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2548
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2548

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 341 ACTTGAAGATGGGGTCTG 358
DQ 18 ATTGAAGATGGGATGTG 1

RESULT 1511
US-10-688-706-3054
; Sequence 3054, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3054
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-3054

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 662 ACAAGGCAAAAGCAAGC 679
DQ 3 ACTAAGGAAAGCAAC 20
```

```
SULT 1512
-10-688-706-3055
Sequence 3055, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3055
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
-10-688-706-3055

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

662 ACAAGGCAAGCAAGC 679
|||||
2 ACTAAGGAAAGCAAC 19

SULT 1513
-10-688-706-3060
Sequence 3060, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3060
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
-10-688-706-3060

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

662 ACAAGGCAAGCAAGC 679
|||||
1 ACTAAGGAAAGCAAC 18

SULT 1514
-10-303-635-70
Sequence 70, Application US/10303635
Publication No. US20040102621A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
FILE REFERENCE: RTS-0418
CURRENT APPLICATION NUMBER: US/10/303,635
CURRENT FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 257
SOFTWARE: PatentIn version 3.2
SEQ ID NO 190
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-635-190/c
Sequence 190, Application US/10303635
Publication No. US20040102621A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
FILE REFERENCE: RTS-0418
CURRENT APPLICATION NUMBER: US/10/303,635
CURRENT FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 257
SOFTWARE: PatentIn version 3.2
SEQ ID NO 190
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-635-190

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

662 ACAAGGCAAGCAAGC 679
|||||
2 ACTAAGGAAAGCAAC 19

SULT 1515
-10-315-962-67
Sequence 67, Application US/10315962
Publication No. US20040109848A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
FILE REFERENCE: PTS-0046
CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
SOFTWARE: PatentIn version 3.2
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-962-67

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

662 ACAAGGCAAGCAAGC 679
|||||
1 ACTAAGGAAAGCAAC 18
```



```
Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 983 TCAAGCCCGCAGAACTGC 1000
      ||||| ||||| |||||
DB 20 TCAAGCTCTGGAACCTGC 3

RESULT 1527
US-10-317-270-130
; Sequence 130, Application US/10317270
; Publication No. US20040110701A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sides
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
; FILE REFERENCE: RTS-0479
; CURRENT APPLICATION NUMBER: US/10/317,270
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-270-130

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 983 TCAAGCCCGCAGAACTGC 1000
      ||||| ||||| |||||
DB 1 TCAAGCTCTGGAACCTGC 18

RESULT 1528
US-10-467-008-101
; Sequence 101, Application US/10467008
; Publication No. US20040116366A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
; FILE REFERENCE: ISPH-0746
; CURRENT APPLICATION NUMBER: US/10/467,008
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: PCT/US02/02805
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 09/780,045
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-008-101

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1630 CCCAGCGGCGAGCGGCTG 1647
      ||||| ||||| |||||
DB 3 CCCAGGGGCGAGCGGCGG 20
```

```
RESULT 1529
US-10-679-532-7
; Sequence 7, Application US/10679532
; Publication No. US20040121376A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karas, James G
; APPLICANT: McKay, Robert
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; TITLE OF INVENTION: TRANSDUCTION
; FILE REFERENCE: ISPH-0537
; CURRENT APPLICATION NUMBER: US/10/679,532
; CURRENT FILING DATE: 2003-10-06
; PRIOR APPLICATION NUMBER: US/09/800,629A
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: PCT/US00/07318
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/280,799
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-679-532-7

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 654 CACCGTCTACAAAGGCAA 671
      ||||| ||||| |||||
DB 3 CATCGTCTGCAAGGAAA 20

RESULT 1530
US-10-671-395-39/c
; Sequence 39, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-39

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 927 CCAGCTGCTCCGTGCCT 944
      ||||| ||||| |||||
DB 18 CCATCCGCTCCGTGACCT 1

RESULT 1531
```

```
-10-671-395-96/c
Sequence 96, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 96
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-96

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
19 CCATCCGCTCGTGACCT 2

SULT 1532
-10-671-395-97/c
Sequence 97, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 97
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-97

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
20 CCATCCGCTCGTGACCT 3

SULT 1533
-10-671-395-302
Sequence 302, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 98
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-302

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
20 CCATCCGCTCGTGACCT 3

SULT 1534
-10-671-395-327
Sequence 327, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 327
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-327

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
20 CCATCCGCTCGTGACCT 3

SULT 1535
-10-671-395-355
Sequence 355, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 355
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-355

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
20 CCATCCGCTCGTGACCT 3
```

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 355
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-355

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 75 GGGAGGCGCCGCGGCTC 92
    |||||
Db 1 GGGAGGCGCGGCGTCTC 18

RESULT 1536
US-10-671-395-743
; Sequence 743, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 743
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-743

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1387 CTCCTCACCAGCTGTG 1404
    |||||
Db 1 CTCATCACCAGGCTGTGG 18

RESULT 1537
US-10-671-395-1349
; Sequence 1349, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1349
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1349

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1387 CTCCTCACCAGCTGTG 1404
    |||||
Db 1 CTCATCACCAGGCTGTGG 18

RESULT 1538
US-10-671-395-1375
; Sequence 1375, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1375
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1375

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1387 CTCCTCACCAGCTGTG 1404
    |||||
Db 2 CTCATCACCAGGCTGTGG 19

RESULT 1539
US-10-470-673-49/c
; Sequence 49, Application US/10470673
; Publication No. US20040137556A1
; GENERAL INFORMATION:
; APPLICANT: Spagnoli, Roberto
; APPLICANT: Achstetter, Tilman
; APPLICANT: Caulet, Gilles
; APPLICANT: Degryse, Eric
; APPLICANT: Dumas, Bruno
; APPLICANT: Pompon, Denis
; APPLICANT: Winter, Jacques
; TITLE OF INVENTION: Yeast strains autonomously producing steroids
; FILE REFERENCE: 2544-US-PCT
; CURRENT APPLICATION NUMBER: US/10/470,673
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: FR 0101294
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide X3TDH3
US-10-470-673-49

Query Match          0.8%; Score 13.2; DB 1; Length 20;
```

Best Local Similarity 83.3%; Pred. No. 8.4e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3;
1077 CTCAATGAGTGGTGAC 1094
||||| ||||| |||||
20 CTCAATTGAGTTGTGCC 3
SULT 1540
-10-776-099-8
Sequence 8, Application US/10776099
Publication No. US20040141957A1
GENERAL INFORMATION:
APPLICANT: Tsang, Wen-Chih
APPLICANT: Zheng, Tianli
APPLICANT: Huang, Chang Jiang
APPLICANT: AmCyt, Inc.
TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
TITLE OF INVENTION: Intermediate Stage of Development
FILE REFERENCE: 021164-000100US
CURRENT APPLICATION NUMBER: US/10/776,099
CURRENT FILING DATE: 2004-02-10
PRIOR APPLICATION NUMBER: US/09/895,585
PRIOR FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/215,634
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 60/246,306
PRIOR FILING DATE: 2000-11-06
PRIOR APPLICATION NUMBER: US 60/291,787
PRIOR FILING DATE: 2001-05-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: insulin LC RED
-10-776-099-8
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
505 GAGGGCTACCTGGAGAAG 522
||||| ||||| |||||
3 GAGGGGTCCCTGCAGAAG 20
SULT 1541
-10-652-795-260/c
Sequence 260, Application US/10652795
Publication No. US20040142346A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
TITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 260
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-652-795-260
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 554 CCCTCAGCGCGCCTCC 571
||||| ||||| |||||
Db 18 CCCTCAGCGCCACATCC 1
RESULT 1542
US-10-652-795-304
Sequence 304, Application US/10652795
Publication No. US20040142346A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
TITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 304
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-652-795-304
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1098 GTGGTACCGCGCCCTGA 1115
||||| ||||| |||||
Db 1 GAGGTACAGCGCCCTCTGA 18
RESULT 1543
US-10-780-439-52/c
Sequence 52, Application US/10780439
Publication No. US20040142899A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D.
APPLICANT: Manoharan, Muthiah
APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
ENHANCED BIOTABILITY AND ALTERED BIODISTRIBUTION OF
OLIGONUCLEOTIDES IN MAMMALS
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cozen O'Connor
STREET: 1900 Market Street
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/780,439
FILING DATE: 17-Feb-2004
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Nguyen, Quan L.
REGISTRATION NUMBER: 46,957
REFERENCE/DOCKET NUMBER: ISIC0006-102
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-665-2000
TELEFAX: 215-665-2013
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 52:
US-10-780-439-52

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1388 TCCTCACCAGCGTGTCC 1405
DB 19 TCCTCACCAGCGGTCC 2

RESULT 1544

US-10-647-918-260/c
Sequence 260, Application US/10647918
Publication No. US20040152652A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/647,918
PRIOR FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US/09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US/09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 260
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-647-918-260

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCGCTCC 571
DB 18 CCTCAGCGCGCACATCC 1

RESULT 1545

US-10-647-918-304
Sequence 304, Application US/10647918
Publication No. US20040152652A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/647,918
PRIOR FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US/09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US/09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 304
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-647-918-304

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1098 GTGCTACCGCGCCCTCGA 1115
DB 1 GAGGTACAGCGCCTCTGA 18

RESULT 1546

US-10-426-769-5/c
Sequence 5, Application US/10426769
Publication No. US20040161412A1
GENERAL INFORMATION:
APPLICANT: Penn, Marc
TITLE OF INVENTION: Cell-Based VEGF Delivery
FILE REFERENCE: CCF-6374 NP
CURRENT APPLICATION NUMBER: US/10/426,769
CURRENT FILING DATE: 2003-10-01
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-10-426-769-5

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1028 TGGCTGACCTTGGCCTGG 1045
DB 20 TGGATGACCTTGGCCAGG 3

RESULT 1547

US-10-641-455A-152/c
Sequence 152, Application US/10641455A
Publication No. US20040171566A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.

APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
CURRENT FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 152
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-641-455A-152
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
804 TGACATTATCCACAGGGA 821
|||||
20 TGACATAATTCCACAGGGA 3
SULT 1548
-10-641-455A-250
Sequence 250, Application US/10641455A
Publication No. US20040171566A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
CURRENT FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 250
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-641-455A-250
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1631 CCACAGGCGAGCGCGTGG 1648
|||||
2 CCACAGGCGAGCGCGCGG 19

RESULT 1549
US-10-619-739-1850
; Sequence 1850, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1850
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-1850
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1624 CGAGGCCCGCAGCGGCGAG 1641
|||||
Db 3 CGAGTCTACAGCGGCGAG 20
RESULT 1550
US-10-476-962-46
; Sequence 46, Application US/10476962
; Publication No. US20040191904A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/10/476,962
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: PRIOP APPLICATION NUMBER: US/09/860,473
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-962-46
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 331 GTGCACGAGGAGCTTGAAG 348
|||||
Db 1 GTGTCCGAGGAGTGAAG 18
RESULT 1551
US-10-476-962-93/c
; Sequence 93, Application US/10476962
; Publication No. US20040191904A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222

SULT 1556
-09-864-426A-2387/c
Sequence 2387, Application US/09864426A
Publication No. US20040018489A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichiev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2387
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-864-426A-2387

Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 6.9e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

761 CCTGCTCAAGGACC 775
15 CCTRCCCAAGGACC 1

SULT 1557
-10-056-414-318
Sequence 318, Application US/10056414
Publication No. US20030003469A1
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
Draper, Kenneth G.
McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/056,414
FILING DATE: 23-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 318:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-10-056-414-318
SEQUENCE DESCRIPTION: SEQ ID NO: 318:

Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 6.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACA 550
Db 3 CCCAUCUUUGACA 15

RESULT 1558
US-10-084-839-2387/c
Sequence 2387, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichiev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2387
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-2387

Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 6.9e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 761 CCTGCTCAAGGACC 775
Db 15 CCTRCCCAAGGACC 1


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RESULT 1559
US-09-827-998-540
; Sequence 540, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MdbMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 540
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-540

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      287 AACTCGTCTCTGC 299
DB      5 AACTCGTCTCTGC 17

RESULT 1560
US-09-780-533A-10
; Sequence 10, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-10

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 7.8e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      84 CCGCGGCTCTGAG 96
DB      1 CCGCGGCUUGAG 13

RESULT 1561
US-09-927-046-966
; Sequence 966, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
```

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloric
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 966
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-966

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 7.8e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      672 AAGCAGCTCACA 684
DB      5 AAGCAAGCUCACA 17

RESULT 1562
US-09-848-754A-1868
; Sequence 1868, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1868
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1868

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1627 GGCCCCCAGCAGGC 1639
DB      5 GGCCCCCAGCAGGC 17

RESULT 1563
US-09-848-754A-1869
; Sequence 1869, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1869
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
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-09-848-754A-1869

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1627 GGCCCCAGCAGGC 1639

|||||
4 GGCCCCAGCAGGC 16

SULT 1564

-09-780-164-933/c

Sequence 933, Application US/09780164

Publication No. US20030092646A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim

TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

FILE REFERENCE: 400/010

CURRENT APPLICATION NUMBER: US/09/780,164

CURRENT FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: 60/185,516

PRIOR FILING DATE: 2000-02-28

NUMBER OF SEQ ID NOS: 2603

SOFTWARE: PatentIn version 3.0

SEQ ID NO 933

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

-09-780-164-933

Query Match 0.7%; Score 13; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 7.8e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

398 AGGTGCAGTCTCC 410

|||||

17 AGGTGCAGTCTCC 5

SULT 1565

-09-740-332-479

Sequence 479, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Hepatitis C Virus Infection

FILE REFERENCE: RPI 400/003

CURRENT APPLICATION NUMBER: US/09/740,332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: PatentIn version 3.0

SEQ ID NO 479

LENGTH: 17

TYPE: RNA

ORGANISM: artificial sequence

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

-09-740-332-479

Query Match 0.7%; Score 13; DB 1; Length 17;

Best Local Similarity 69.2%; Pred. No. 7.8e+02;

Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

270 ACGTGTCTCTCT 282

|||||

5 ACGUGCUGCUCCU 17

RESULT 1566

US-09-740-332-480

Sequence 480, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Hepatitis C Virus Infection

FILE REFERENCE: RPI 400/003

CURRENT APPLICATION NUMBER: US/09/740,332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: PatentIn version 3.0

SEQ ID NO 480

LENGTH: 17

TYPE: RNA

ORGANISM: artificial sequence

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-480

Query Match 0.7%; Score 13; DB 1; Length 17;

Best Local Similarity 69.2%; Pred. No. 7.8e+02;

Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTCTCTCT 282

|||||

2 ACGUGCUGCUCCU 14

RESULT 1567

US-09-740-332-4075/c

Sequence 4075, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Hepatitis C Virus Infection

FILE REFERENCE: RPI 400/003

CURRENT APPLICATION NUMBER: US/09/740,332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: PatentIn version 3.0

SEQ ID NO 4075

LENGTH: 17

TYPE: RNA

ORGANISM: artificial sequence

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-4075

Query Match 0.7%; Score 13; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 7.8e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTCTCTCT 282

|||||

17 ACGTGTCTCTCT 5

RESULT 1568

US-09-740-332-4076/c

Sequence 4076, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Hepatitis C Virus Infection

; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740.332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4076

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 270 ACGTGTGCTCCT 282
Db 14 ACGTGTGCTCCT 2

RESULT 1569
US-09-792-818-250/c
; Sequence 250, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 250
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-250

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 598 TTGGGAAACTGG 610
Db 13 TTGGGAAACTGG 1

RESULT 1570
US-09-792-818-577/c
; Sequence 577, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23

; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 577
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-577

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 599 TTGGGAAACTGGA 611
Db 17 TTGGGAAACTGGA 5

RESULT 1571
US-09-817-879-479
; Sequence 479, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 479
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-479

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 270 ACGTGTGCTCCT 282
Db 5 ACGUGCUGCUCCU 17

RESULT 1572
US-09-817-879-480
; Sequence 480, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 480
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-480

Query Match 0.7%; Score 13; DB 1; Length 17;

```
Best Local Similarity 69.2%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 9; Conservative 4; Mismatches 0;

270 ACGTGTCTGCTCCT 282
|||:|:|:|:|:|
2 ACGUGUGUCCUCC 14

SULT 1573
-09-817-879-4075/c
Sequence 4075, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: Patent in version 3.0
SEQ ID NO 4075
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-4075

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

270 ACGTGTCTGCTCCT 282
|||||:|:|:|:|
17 ACGTGTCTGCTCCT 5

SULT 1574
-09-817-879-4076/c
Sequence 4076, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: Patent in version 3.0
SEQ ID NO 4076
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-4076

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

270 ACGTGTCTGCTCCT 282
|||||:|:|:|:|
14 ACGTGTCTGCTCCT 2

SULT 1575
-09-817-879-4076/c
Sequence 4076, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: Patent in version 3.0
SEQ ID NO 4076
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-4076

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

270 ACGTGTCTGCTCCT 282
|||||:|:|:|:|
14 ACGTGTCTGCTCCT 2
```

```
US-10-675-685-540
; Sequence 540, Application US/10675685
; Publication No. US2004006134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Ascomica Sequence Listing Engine
; SEQ ID NO 540
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-540

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

Qy 287 AACTTCGTTCTGC 299
|||||:|:|:|:|
Db 5 AACTTCGTTCTGC 17

RESULT 1576
US-10-138-674-2069
; Sequence 2069, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2069
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-2069

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 9; Conservative 4; Mismatches 0;

Qy 1701 CTCCTGCTCTACC 1713
|:|:|:|:|:|
Db 5 CUCUCUGCCUACC 17

RESULT 1577
US-10-138-674-3449
; Sequence 3449, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

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; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3449
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674-3449

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Q/ 1033 GACTTTGGCCTGG 1045
      |||:::||||:|
D/ 5 GACUUUGGCCUGG 17

RESULT 1578
US-10-138-674-3461
; Sequence 3461, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3461
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674-3461

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Q/ 539 CCATCTTTGACAA 551
      |||:::||||
D/ 5 CCAUUCUUGACAA 17

RESULT 1579
US-10-138-674-6704
; Sequence 6704, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6704
; LENGTH: 17
```

```
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6704

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 7.8e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Q/ 820 GAGNAGTCCCTCA 832
      |||||:||||:|
D/ 1 GAGAAGUCCUCA 13

RESULT 1580
US-10-138-674-6819
; Sequence 6819, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6819
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6819

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 7.8e+02;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Q/ 1702 TCTCTGCCTACCT 1714
      |:|:::||||
D/ 1 UCUCUGCCUACCU 13

RESULT 1581
US-10-287-949A-2069
; Sequence 2069, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2069
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-2069

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Q/ 1701 CTCTCTGCCTACC 1713
```


PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6668
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-10-669-841-6668
Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
270 ACGTGTCTCTCT 282
|||||
17 ACGTGTCTCTCT 5
SULT 1589
-10-669-841-6669/c
Sequence 6669, Application US/10669841
Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: James, McSwiggen
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavco
APPLICANT: Patricia, Lee
APPLICANT: Kenneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
FILE REFERENCE: 400/042US (MHB02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 09/740,332
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6669
LENGTH: 17

TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-6669
Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 270 ACGTGTCTCTCT 282
Db 14 ACGTGTCTCTCT 2
|||||
RESULT 1590
US-10-314-657-207
Sequence 207, Application US/10314657
Publication No. US20030175888A1
GENERAL INFORMATION:
APPLICANT: SHEN, Ben
APPLICANT: CHENG, Yi-Qiang
APPLICANT: TANG, Gong-Li
TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide
FILE REFERENCE: 054030-0021
CURRENT APPLICATION NUMBER: US/10/314,657
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: PCT/US02/08937
PRIOR FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: US 60/278,935
PRIOR FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 214
SOFTWARE: PatentIn version 3.2
SEQ ID NO 207
LENGTH: 18
TYPE: DNA
ORGANISM: Streptomyces atroolivaceus
US-10-314-657-207
Query Match 0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1190 CCACAGGCGCTCC 1202
Db 6 CCACAGGCGCTCC 18
|||||
RESULT 1591
US-10-453-792-248/c
Sequence 248, Application US/10453792
Publication No. US20040029110A1
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
ROSSAU, RUDI
MAERTENS, GEERT
TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
NUMBER OF SEQUENCES: 313
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHVE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/453,792
FILING DATE: 04-Jun-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-Oct-1998
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-Apr-1997
APPLICATION NUMBER: EP 96870053.4
FILING DATE: 19-Apr-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 248:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 248:
US-10-453-792-248

Query Match 0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 890 ACATCATCAACAT 902
||| ||||| |||||
Cb 14 ACATCATCAACAT 2

RESULT 1592
US-10-665-951-1035
Sequence 1035, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2002-07-29
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-11-04
PRIOR FILING DATE: 2002-11-27
PRIOR FILING DATE: 2002-11-27
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1359
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1359

Query Match 0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1035
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-665-951-1035

Query Match 0.7%; Score 13; DB 1; Length 19;
Best Local Similarity 84.6%; Pred. No. 8.7e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 820 GAGAGTCCCTCA 832
|||||:|:|
Db 1 GAGAGUCCCUCA 13

RESULT 1593
US-10-665-951-1359/c
Sequence 1359, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2002-07-29
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-11-04
PRIOR FILING DATE: 2002-11-27
PRIOR FILING DATE: 2002-11-27
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1359
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1359

Query Match 0.7%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Tue Nov 2 13:39:14 2004

820 GAGAGTCCCTCA 832
|||||
19 GAGAGTCCCTCA 7

SU1T 1594
-09-735-995-47/c
Sequence 47, Application US/09735995
Patent No. US20010034024A1
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/735.995
CURRENT FILING DATE: 2000-12-14
PRIOR APPLICATION NUMBER: 09/226,012
PRIOR FILING DATE: 1999-01-06
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-09-735-995-47

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

828 COTCACCCTTGTC 840
|||||
16 COTCACCCTTGTC 4

SU1T 1595
-09-824-322B-80/c
Sequence 80, Application US/09824322B
Publication No. US20030022848A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/09/824,322B
CURRENT FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 80
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
3-09-824-322B-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1222 GTGAGGAACAGC 1234
|||||
b 20 GTGAGGAACAGC 8

RESULT 1596

US-09-816-814-9/c
Sequence 9, Application US/09816814
Publication No. US20030027136A1
GENERAL INFORMATION:
APPLICANT: Goronzy, Jorg J.
APPLICANT: Weyand, Cornelia M.
TITLE OF INVENTION: RHEUMATOID ARTHRITIS MARKERS
FILE REFERENCE: 07039-251001
CURRENT APPLICATION NUMBER: US/09/816,814
CURRENT FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer for PCR
US-09-816-814-9

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1077 CTCCAATGAGGTG 1089
|||||
Db 19 CTCCAATGAGGTG 7

RESULT 1597
US-09-151-376-33/c
Sequence 33, Application US/09151376
Publication No. US20030044383A1
GENERAL INFORMATION:
APPLICANT: Henderson, D.R.
APPLICANT: Schuur, E.R.
TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS
FILE REFERENCE: 348022000221
CURRENT APPLICATION NUMBER: US/09/151,376
CURRENT FILING DATE: 1998-09-10
EARLIER APPLICATION NUMBER: 08/669,753
EARLIER FILING DATE: 1996-06-26
EARLIER APPLICATION NUMBER: 08/495,034
EARLIER FILING DATE: 1995-06-27
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: unknown
US-09-151-376-33

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 901 ATGCACACGTGA 913
|||||
Db 17 ATGCACACGTGA 5

RESULT 1598
US-09-940-244-62/c
Sequence 62, Application US/09940244
Publication No. US20030044796A1
GENERAL INFORMATION:
APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Lyamichev, Victor
APPLICANT: Smith, Lloyd M.
TITLE OF INVENTION: Reactions on Dendrimers

FILE REFERENCE: FORS-06478
CURRENT APPLICATION NUMBER: US/09/940,244
CURRENT FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 422
SOFTWARE: PatentIn version 3.1
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-940-244-62

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGCCGAGG 182
| | | | | | | | | |
DB 19 GAGGTGCCGAGG 7

RESULT 1599
US-09-989-643-45
Sequence 45, Application US/09989643
Publication No. US20030049636A1
GENERAL INFORMATION:
APPLICANT: Bergeron, Michel G.
APPLICANT: Picard, Francois J.
APPLICANT: Ouellette, Marc
APPLICANT: Roy, Paul H.

TITLE OF INVENTION: Species-Specific, Genus-Specific and Universal DNA
TITLE OF INVENTION: Probes and Amplification Primers to Rapidly Detect and
TITLE OF INVENTION: Identify Common Bacterial and Fungal Pathogens and
TITLE OF INVENTION: Associated Antibiotic Resistance Genes from
FILE REFERENCE: 12287, 29
CURRENT APPLICATION NUMBER: US/09/989,643
CURRENT FILING DATE: 2001-11-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/297,539
PRIOR FILING DATE: EARLIER FILING DATE: 1999-05-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/743,637
PRIOR FILING DATE: EARLIER FILING DATE: 1996-11-04

NUMBER OF SEQ ID NOS: 174
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-989-643-45

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 782 ACGCCAACTCGT 794
| | | | | | | | | |
DB 2 ACGCCAACTCGT 14

RESULT 1600
US-09-906-158-43
Sequence 43, Application US/09906158
Publication No. US20030078217A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
FILE REFERENCE: RTS-0257
CURRENT APPLICATION NUMBER: US/09/906,158
CURRENT FILING DATE: 2001-07-14
NUMBER OF SEQ ID NOS: 168

SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-43

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 451 TCCACTGAGGACA 463
| | | | | | | | | |
DB 1 TCCACTGAGGACA 13

RESULT 1601
US-09-910-185-80
Sequence 80, Application US/09910185
Publication No. US20030083279A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-3 EXPRESSION
FILE REFERENCE: RTS-0258
CURRENT APPLICATION NUMBER: US/09/910,185
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 80
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-910-185-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1301 AGGAGTTCAAGAC 1313
| | | | | | | | | |
DB 5 AGGAGTTCAAGAC 17

RESULT 1602
US-09-864-636A-255/c
Sequence 255, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim

APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 255
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-636A-255

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

170 GAGGTGGCCGAGG 182
|||||
19 GAGGTGGCCGAGG 7

SULT 1603
-09-758-282-52/c
Sequence 52, Application US/09758282
Publication No. US20030134349A1
GENERAL INFORMATION:
APPLICANT: Ma, Wu-Po
APPLICANT: Lyamichiev, Victor I.
APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichieva, Natalie E.
APPLICANT: Allawi, Hatim T.
APPLICANT: Schaefer, James J.
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: Improved Enzymes for the Detection of Specific Nucleic
TITLE OF INVENTION: Acid Sequences
FILE REFERENCE: FORS-04323
CURRENT APPLICATION NUMBER: US/09/758,282
CURRENT FILING DATE: 2001-08-29
NUMBER OF SEQ ID NOS: 280
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
-09-758-282-52

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
170 GAGGTGGCCGAGG 182
|||||
19 GAGGTGGCCGAGG 7

SULT 1604
-09-964-059B-104/c
Sequence 104, Application US/09964059B
Publication No. US20030171875A1
GENERAL INFORMATION:
APPLICANT: Frudakis, Tony
TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
FILE REFERENCE: 0201-0001
CURRENT APPLICATION NUMBER: US/09/964,059B
CURRENT FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: US 60/274,686
PRIOR FILING DATE: 2000-03-08
NUMBER OF SEQ ID NOS: 239
SEQ ID NO 104
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
-09-964-059B-104
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1301 AGGAGTTCAAGAC 1313
|||||
19 AGGAGTTCAAGAC 7
SULT 1605
-09-851-871-66
Sequence 66, Application US/09851871

Publication No. US20030176374A1
GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
APPLICANT: Karas, James G.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0543
CURRENT APPLICATION NUMBER: US/09/851,871
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: PCT/US00/14471
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: 09/326,186
PRIOR FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 284
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-851-871-66

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 GGCTTTGGGAAAC 607
|||||
DB 1 GGCTTTGGGAAAC 13

RESULT 1606
US-09-864-426A-255/c
Sequence 255, Application US/09864426A
Publication No. US20040018489A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichiev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 255
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-426A-255

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCCGAGG 182
|||||
DB 19 GAGGTGGCCGAGG 7

RESULT 1607
US-10-033-297-62/c
Sequence 62, Application US/10033297
Publication No. US20020187486A1
GENERAL INFORMATION:
APPLICANT: Hall, Jeff G.

Lyamichev, Victor I.
Mast, Andrea L.
Brow, Mary Ann D.
TITLE OF INVENTION: Detection of Nucleic Acids By Multiple
Sequential Invasive Cleavages
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/033,297
FILING DATE: 12-No. US20020187486A1-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/350,597
FILING DATE: 09-Jul-1999
APPLICATION NUMBER: US/08/823,516
FILING DATE: 24-MAR-1997
APPLICATION NUMBER: PCT/US97/01072
FILING DATE: 21-JAN-1997
APPLICATION NUMBER: US 08/759,038
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/758,314
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/756,386
FILING DATE: 29-NOV-1996
APPLICATION NUMBER: US 08/682,853
FILING DATE: 12-JUL-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 24-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02736
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 62:
US-10-033-297-62

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7
|||||

RESULT 1608
US-10-145-493B-11/c
; Sequence 11, Application US/10145493B
; Publication No. US2003009677A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: MacLeod, Robert

; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-11

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGG 517
Db 13 GAGGGCTACCTGG 1
|||||

RESULT 1609
US-10-016-149-17
; Sequence 17, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2--
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-17

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1035 CTTTGGCCTGGCC 1047
Db 3 CTTTGGCCTGGCC 15
|||||

RESULT 1610
US-10-024-396-41/c
; Sequence 41, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-024-396-41

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

626 TGGACAAACTGGG 638
|||||

13 TGGACAAACTGGG 1

SULT 1611
-10-139-089-33/c
Sequence 33, Application US/10139089
Publication No. US20030152553A1
GENERAL INFORMATION:
APPLICANT: Henderson, D.R.
TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS
FILE REFERENCE: 348022000221
CURRENT APPLICATION NUMBER: US/10/139,089
CURRENT FILING DATE: 2002-05-02
PRIOR FILING DATE: 1996-06-26
PRIOR APPLICATION NUMBER: 08/669,753
PRIOR FILING DATE: 1995-06-27
PRIOR APPLICATION NUMBER: 09/509,591
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: 09/151,376
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 09/033,428
PRIOR FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: 60/039,597
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 09/033,555
PRIOR FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: 60/039,763
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 09/033,333
PRIOR FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: 60/039,762
PRIOR FILING DATE: 1997-03-03
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: unknown
3-10-139-089-33

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

901 ATGCACAACGTGA 913
|||||

17 ATGCACAACGTGA 5

3SULT 1612
3-10-290-386-62/c
Sequence 62, Application US/10290386
Publication No. US20030152971A1
GENERAL INFORMATION:
APPLICANT: Lyamichiev, Victor
APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Lukowiak, Andrew A.
TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences

FILE REFERENCE: FORS-07459
CURRENT APPLICATION NUMBER: US/10/290,386
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: 60/361,060
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: 60/344,946
PRIOR FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 09/713,601
PRIOR FILING DATE: 2000-11-15
PRIOR APPLICATION NUMBER: 09/381,212
PRIOR FILING DATE: 2000-02-08
PRIOR APPLICATION NUMBER: 09/350,309
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: 08/823,516
PRIOR FILING DATE: 1997-03-24
PRIOR APPLICATION NUMBER: 08/759,038
PRIOR FILING DATE: 1996-12-02
PRIOR APPLICATION NUMBER: 08/756,386
PRIOR FILING DATE: 1996-11-26
PRIOR APPLICATION NUMBER: 08/682,853
PRIOR FILING DATE: 1996-07-12
PRIOR APPLICATION NUMBER: 08/599,491
PRIOR FILING DATE: 1996-01-24
NUMBER OF SEQ ID NOS: 253
SOFTWARE: PatentIn version 3.1
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic
US-10-290-386-62

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCGGAGG 182
|||||

Db 19 GAGGTGGCGGAGG 7
|||||

RESULT 1613
US-10-084-839-255/c
Sequence 255, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichiev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666

; CURRENT APPLICATION NUMBER: US/10/084,839
 ; CURRENT FILING DATE: 2002-02-26
 ; NUMBER OF SEQ ID NOS: 4004
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 255
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 US-10-084-839-255

Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 9.1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCCGAGG 182
 |||||||
 Db 19 GAGGTGGCCGAGG 7

RESULT 1614

; US-10-388-263-492
 ; Sequence 492, Application US/10388263
 ; Publication No. US20030228597A1

; GENERAL INFORMATION:

; APPLICANT: Cowser, Lex M.
 ; APPLICANT: Baker, Brenda F.
 ; APPLICANT: McNeil, John
 ; APPLICANT: Freier, Susan M.
 ; APPLICANT: Sasmor, Henri M.
 ; APPLICANT: Brooks, Douglas G.
 ; APPLICANT: Ohashi, Cara
 ; APPLICANT: Wyatt, Jacqueline R.
 ; APPLICANT: Borchers, Alexander
 ; APPLICANT: Vickers, Timothy A.

; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR

; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND

; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION

; FILE REFERENCE: ISIS-4503

; CURRENT APPLICATION NUMBER: US/10/388,263

; CURRENT FILING DATE: 2003-03-12

; NUMBER OF SEQ ID NOS: 947

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 492

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense oligonucleotide

; US-10-388-263-492

Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 9.1e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 451 TCCTCTGAGGACA 463
 |||||||
 Db 1 TCCTCTGAGGACA 13

RESULT 1615

; US-10-094-886-272/c

; Sequence 272, Application US/10094886

; Publication No. US20040002120A1

; GENERAL INFORMATION:

; APPLICANT: Kerkuda, Ramesh

; APPLICANT: Tchernev, Velizar T.

; APPLICANT: Liu, Xiaohong

; APPLICANT: Spytek, Kimberly A.

; APPLICANT: Patturajan, Meera

; APPLICANT: Burgess, Catherine

; APPLICANT: Vernet, Corine A.

; APPLICANT: Li, Li
 ; APPLICANT: Gorman, Linda
 ; APPLICANT: Malyankar, Uriel M.
 ; APPLICANT: Boldog, Ferenc
 ; APPLICANT: Guo, Xiaojia
 ; APPLICANT: Shenoy, Suresh
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Taupier, Raymond J., Jr.
 ; APPLICANT: Miller, Charles
 ; APPLICANT: Casman, Stacie
 ; APPLICANT: Pena, Carol
 ; APPLICANT: Gangolli, Bsha
 ; APPLICANT: Gusev, Vladimir
 ; APPLICANT: Smithson, Glenda
 ; APPLICANT: Zerhusen, Bryan
 ; APPLICANT: Gerlach, Valerie
 ; APPLICANT: Pochart, Pascal
 ; APPLICANT: Fernandes, Elma
 ; APPLICANT: Shinkets, Richard
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: Spaderna, Steven
 ; APPLICANT: Laroche, William
 ; APPLICANT: Zhong, Mei

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-290 B

; CURRENT APPLICATION NUMBER: US/10/094,886

; CURRENT FILING DATE: 2002-03-07

; PRIOR APPLICATION NUMBER: 60/274,322

; PRIOR FILING DATE: 2001-03-08

; PRIOR APPLICATION NUMBER: 60/313,182

; PRIOR FILING DATE: 2001-08-17

; PRIOR APPLICATION NUMBER: 60/288,052

; PRIOR FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 60/318,510

; PRIOR FILING DATE: 2001-09-10

; PRIOR APPLICATION NUMBER: 60/274,281

; PRIOR FILING DATE: 2001-03-08

; PRIOR APPLICATION NUMBER: 60/314,018

; PRIOR FILING DATE: 2001-08-21

; PRIOR APPLICATION NUMBER: 60/274,194

; PRIOR FILING DATE: 2001-03-08

; PRIOR APPLICATION NUMBER: 60/274,849

; PRIOR FILING DATE: 2001-03-09

; PRIOR APPLICATION NUMBER: 60/296,693

; PRIOR FILING DATE: 2001-06-07

; PRIOR APPLICATION NUMBER: 60/313,626

; PRIOR FILING DATE: 2001-08-21

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 298

; SOFTWARE: PatentIn 2.1

; SEQ ID NO 272

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer

; US-10-094-886-272

Query Match 0.7%; Score 13; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 9.1e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 CCCTCTGCTCTG 319

|||||||

Db 16 CCCTCTGCTCTG 4

RESULT 1616

; US-10-277-216-81/c

; Sequence 81, Application US/10277216

; Publication No. US20040002470A1

; GENERAL INFORMATION:

; APPLICANT: KEITH, TIM

; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; 1-10-277-216-81

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1255 TTAGGAACCCCAA 1267
|||||
17 TTAGGAACCCCAA 5

RESULT 1617
; 1-10-277-216-176/c
; Sequence 176, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 176
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; 3-10-277-216-176

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1255 TTAGGAACCCCAA 1267
|||||
3 17 TTAGGAACCCCAA 5

RESULT 1618
; 3-10-289-762-3020/c
; Sequence 3020, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3020
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-3020

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
|||||
DB 13 TGAGGAGACGTGG 1

RESULT 1619
; US-10-289-762-3023/c
; Sequence 3023, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3023
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-3023

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
|||||
DB 13 TGAGGAGACGTGG 1

RESULT 1620
; US-10-126-022-81/c
; Sequence 81, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-10-126-022-81


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Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGAACCCCAA 1267
DB 17 TTAGGAACCCCAA 5

RESULT 1621
US-10-126-022-176/c
; Sequence 176, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 176
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-176

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGAACCCCAA 1267
DB 17 TTAGGAACCCCAA 5

RESULT 1622
US-10-212-993-81
; Sequence 81, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQUIM EXPRESSION
; FILE REFERENCE: PIS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-212-993-81

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 864 GAAGCAGTACCTG 876
DB 1 GAAGCAGTACCTG 13

RESULT 1623
US-10-444-206-66
; Sequence 66, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444,206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-66

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 GGCTTTGGGAAC 607
DB 1 GGCTTTGGGAAC 13

RESULT 1624
US-10-356-861-62/c
; Sequence 62, Application US/10356861
; Publication No. US20040072182A1
; GENERAL INFORMATION:
; APPLICANT: Victor, Lyamichev
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07813
; CURRENT APPLICATION NUMBER: US/10/356,861
; CURRENT FILING DATE: 2003-02-03
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-356-861-62

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGCCGAGG 182
DB 19 GAGGTGCCGAGG 7
```

```
SUFT 1625
-10-670-184-70/c
Sequence 70, Application US/10670184
Publication No. US20040077011A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
TITLE OF INVENTION: OBESITY
FILE REFERENCE: 2976-4039
CURRENT APPLICATION NUMBER: US/10/670,184
CURRENT FILING DATE: 2003-09-24
PRIOR APPLICATION NUMBER: 60/129,391
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 170
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
-10-670-184-70

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

      1255 TTAGGAACCCCAA 1267
      17 TTAGGAACCCCAA 5
      |||||
      |||||

SUFT 1626
3-10-670-117/c
Sequence 117, Application US/10670184
Publication No. US20040077011A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
TITLE OF INVENTION: OBESITY
FILE REFERENCE: 2976-4039
CURRENT APPLICATION NUMBER: US/10/670,184
CURRENT FILING DATE: 2003-09-24
PRIOR APPLICATION NUMBER: 60/129,391
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 170
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 117
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
S-10-670-184-117

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

      1255 TTAGGAACCCCAA 1267
      17 TTAGGAACCCCAA 5
      |||||
      |||||

SUFT 1627
S-10-696-708-47/c
Sequence 47, Application US/10696708
Publication No. US20040078833A1
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
TITLE OF INVENTION: SYNDROME GENE
```

```
FILE REFERENCE: 2323-164
CURRENT APPLICATION NUMBER: US/10/696,708
CURRENT FILING DATE: 2003-10-30
PRIOR APPLICATION NUMBER: US 09/735,995
PRIOR FILING DATE: 2000-12-14
PRIOR APPLICATION NUMBER: US 09/226,012
PRIOR FILING DATE: 1999-01-06
PRIOR APPLICATION NUMBER: 09/122,847
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-696-708-47

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

      828 CCTCACCTTGTC 840
      16 CCTCACCTTGTC 4
      |||||
      |||||

RESULT 1628
US-10-303-325-60/c
Sequence 60, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-60

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

      1491 TCCTGACACTACT 1503
      15 TCCTGACACTACT 3
      |||||
      |||||

RESULT 1629
US-10-303-325-130
Sequence 130, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 130
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-10-303-325-130
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Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1491 TCCTGACACTACT 1503
| | | | | | | | | | | | | | | | | |
Db 6 TCCTGACACTACT 18

RESULT 1630
US-10-250-997-19
; Sequence 19, Application US/10250997
; Publication No. US20040110251A1
; GENERAL INFORMATION:
; APPLICANT: Grabowski et al.
; TITLE OF INVENTION: DETECTION OF PATHOGENIC BACTERIA
; FILE REFERENCE: 223374
; CURRENT APPLICATION NUMBER: US/10/250,997
; CURRENT FILING DATE: 2003-07-08
; PRIOR APPLICATION NUMBER: PCT/EP01/11901
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: DE 10100493.1
; PRIOR FILING DATE: 2001-01-08
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-10-250-997-19

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 9.1e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Y 912 GAAACTGTTCTCTGTT 926
| | | | | | | | | | | | | | | | | |
Db 1 GAAACTGTTCTCTGTT 15

RESULT 1631
US-10-652-795-80/c
; Sequence 80, Application US/10652795
; Publication No. US20040142346A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTIGENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-652-795-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1222 GTGAGGAACAGC 1234
| | | | | | | | | | | | | | | | | |
Db 20 GTGAGGAACAGC 8

RESULT 1632
US-10-647-918-80/c
; Sequence 80, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTIGENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1222 GTGAGGAACAGC 1234
| | | | | | | | | | | | | | | | | |
Db 20 GTGAGGAACAGC 8

RESULT 1633
US-10-619-739-455/c
; Sequence 455, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 455
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-455

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 CAGACTGGAACAT 723
| | | | | | | | | | | | | | | | | |
Db 19 CAGACTGGAACAT 7

SULT 1634
-10-753-169-45
Sequence 45, Application US/10753169
Publication No. US20040185478A1
GENERAL INFORMATION:
APPLICANT: Bergeron, Michel G.
APPLICANT: Picard, Francois J.
APPLICANT: Ouellette, Marc
APPLICANT: Roy, Paul H.
TITLE OF INVENTION: Species-Specific, Genus-Specific and Universal DNA
Probes and Amplification Primers to Rapidly Detect and
TITLE OF INVENTION: Identify Common Bacterial and Fungal Pathogens and
TITLE OF INVENTION: Associated Antibiotic Resistance Genes from
FILE REFERENCE: 12287.29
CURRENT APPLICATION NUMBER: US/10753,169
CURRENT FILING DATE: 2004-01-07
PRIOR APPLICATION NUMBER: US/09/297,539
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: 08/743,637
PRIOR FILING DATE: 1996-11-04
NUMBER OF SEQ. ID NOS: 174
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
-10-753-169-45
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
, 782 ACGCCACATCGT 794
, |||||
2 ACGCCACATCGT 14

Search completed: November 2, 2004, 13:32:43
DB time : 38 secs

GenCore version 5.1.6
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DM nucleic - nucleic search, using sw model

Run on: November 2, 2004, 15:06:19 ; Search time 1 Second
(without alignments)
4.240 Million cell updates/sec

Title: us-10-017-621-3

Perfect score: 1745

Sequence: 1 tggagagcgttaagatg.....gttcacctgccactgtgcc 1745

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 66 seqs, 1215 residues

Total number of hits satisfying chosen parameters: 132

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 69 summaries

Database : rstdb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	45	2.6	46	1 N78054	ACCESSION:N78054
2	28	1.6	28	1 R38968	ACCESSION:R38968
3	17.8	1.0	24	1 A249706	ACCESSION:A249706
4	17.6	1.0	27	1 A2486233	ACCESSION:A2486233
5	16.6	1.0	25	1 A1202056	ACCESSION:A1202056
6	15.2	0.9	23	1 BM397693	ACCESSION:BM397693
7	15.2	0.9	23	1 A2860972	ACCESSION:A2860972
8	15	0.9	23	1 AZ501330	ACCESSION:AZ501330
9	14.6	0.8	21	1 AZ822301	ACCESSION:AZ822301
10	14.4	0.8	19	1 AZ315293	ACCESSION:AZ315293
11	14.4	0.8	20	1 AZ622226	ACCESSION:AZ622226
12	14.2	0.8	19	1 BM396331	ACCESSION:BM396331
13	13.8	0.8	19	1 AZ769047	ACCESSION:AZ769047
14	13.8	0.8	21	1 AZ850337	ACCESSION:AZ850337
15	13.6	0.8	20	1 CF317946	ACCESSION:CF317946
16	13.6	0.8	20	1 AZ619289	ACCESSION:AZ619289
17	13.4	0.8	16	1 A1590540	ACCESSION:A1590540
18	13.4	0.8	17	1 BM397652	ACCESSION:BM397652
19	13.4	0.8	18	1 BM397132	ACCESSION:BM397132
20	13.4	0.8	20	1 CL670850	ACCESSION:CL670850
21	13	0.7	20	1 AZ808202	ACCESSION:AZ808202
22	12.8	0.7	19	1 BX564021	ACCESSION:BX564021
23	12.8	0.7	19	1 AJ587912	ACCESSION:AJ587912
24	12.6	0.7	19	1 A1383415	ACCESSION:A1383415
25	12.6	0.7	19	1 A1696833	ACCESSION:A1696833
26	12.6	0.7	19	1 CF542982	ACCESSION:CF542982
27	12.6	0.7	19	1 AZ406101	ACCESSION:AZ406101
28	12.6	0.7	19	1 A2445563	ACCESSION:A2445563
29	12.6	0.7	19	1 AZ485264	ACCESSION:AZ485264
30	12.6	0.7	20	1 CF317946	ACCESSION:CF317946
31	12.4	0.7	16	1 A1000182	ACCESSION:A1000182
32	12.4	0.7	16	1 BM395110	ACCESSION:BM395110
33	12.4	0.7	18	1 BQ593906	ACCESSION:BQ593906

ALIGNMENTS

RESULT 1
N78054
LOCUS
DEFINITION
Y77195.1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:248216 5' similar to gb:X66363 SERINE/THREONINE-PROTEIN
KINASE PCTAIRE-1 (HUMAN);, mRNA sequence.

ACCESSION N78054

VERSION N78054.1

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 46)

AUTHORS Hillier, L., Lennon, G., Becker, M., Bonaldo, M.P., Chiappelli, B.,

Chisoe, J., Dietrich, N., DuBuque, T., Favello, A., Gish, W.,

Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,

Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,

Rohlfing, T., Schellenberg, K., Soares, M.B., Fan, F., Thierry-Mieg, J.,

Trevaskis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R.,

and Marra, M.

Generation and analysis of 280,000 human expressed sequence tags

Genome Res. 6 (9), 807-828 (1996)

97044478

8889549

CONTACT: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

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12.4 0.7 19 1 BM395903
34 12.4 0.7 19 1 AZ381798
35 12.4 0.7 19 1 AZ465132
36 12.4 0.7 19 1 AZ465132
37 12.2 0.7 17 1 AW246893
38 12.2 0.7 46 1 N78054
39 11.8 0.7 16 1 A1154875
40 11.8 0.7 16 1 A1564678
41 11.8 0.7 16 1 A1564678
42 11.8 0.7 16 1 A1564678
43 11.8 0.7 16 1 A1564678
44 11.4 0.7 18 1 BM399385
45 11.4 0.7 13 1 BM396800
46 11.4 0.7 13 1 CF543283
47 11.4 0.7 16 1 BM396717
48 11.4 0.7 16 1 BM396717
49 11.4 0.7 16 1 BM398398
50 11.4 0.7 16 1 BM399771
51 11.4 0.7 17 1 BM395627
52 11.4 0.7 17 1 BM398023
53 11.4 0.7 17 1 BM399768
54 11.4 0.7 25 1 A1202056
55 11.2 0.6 16 1 AJ595030
56 11.2 0.6 16 1 AJ596548
57 11.2 0.6 17 1 BM396999
58 11.2 0.6 17 1 CF298796
59 11.2 0.6 17 1 CL436162
60 11 0.6 13 1 BQ595471
61 11 0.6 14 1 CF306911
62 11 0.6 15 1 AW059513
63 11 0.6 16 1 CL423510
64 10.8 0.6 14 1 CF298986
65 10.8 0.6 14 1 CF299461
66 10.8 0.6 15 1 AJ647870
67 10.8 0.6 15 1 CF30961
68 10.8 0.6 15 1 AJ591895
69 10.8 0.6 15 1 AJ599290

ACCESSION:BM395903
ACCESSION:AZ381798
ACCESSION:AZ465132
ACCESSION:AW246893
ACCESSION:N78054
ACCESSION:A1154875
ACCESSION:A1564678
ACCESSION:BM399385
ACCESSION:BM396800
ACCESSION:CF543283
ACCESSION:BM396717
ACCESSION:BM398398
ACCESSION:BM399771
ACCESSION:BM395627
ACCESSION:BM398023
ACCESSION:BM399768
ACCESSION:A1202056
ACCESSION:AJ595030
ACCESSION:AJ596548
ACCESSION:BM396999
ACCESSION:CF298796
ACCESSION:CL436162
ACCESSION:BQ595471
ACCESSION:CF306911
ACCESSION:AW059513
ACCESSION:CL423510
ACCESSION:CF298986
ACCESSION:CF299461
ACCESSION:AJ647870
ACCESSION:CF30961
ACCESSION:AJ591895
ACCESSION:AJ599290

(<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 3.3;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 230 GTGGTGTGGTGGCGGAGTG 250
|||||
Db 21 GTGGTGTGGTGGTGTAGTG 1

RESULT 4
LOCUS AZ486233 27 bp DNA linear GSS 05-OCT-2000
DEFINITION M0314B08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0314B08 F, genomic survey sequence.

ACCESSION AZ486233
VERSION
KEYWORDS
SOURCE GSS.
ORGANISM Mus musculus (house mouse)

REFERENCE
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0314 row: B column: 08
Seq primer: CGTGTGAAAACGCGCCAGT
Class: plasmid ends
High quality sequence stop: 27.
Location/Qualifiers
1..27
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0314B08"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(<http://www.jax.org/resources/documents/dnares/>). The DNA

FEATURES

source
1..27
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1859708"
/tissue_type="anaplastic oligodendroglioma"
/lab_host="DH10B"
/clone_lib="NCI_CGAP_Brn25"
/note="Organ: brain; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGCGCATAGGTTTTTTTTTTTTTTTTTTT

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 1.0%; Score 17.6; DB 1; Length 27;
Best Local Similarity 83.3%; Pred. No. 4.9;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1721 GCCATGTCACCTGCCCACTTGTC 1744
|||||
Db 1 GCGATGTTTACCTGCTGCTGTC 24

RESULT 5
LOCUS AI202056 25 bp mRNA linear EST 01-DEC-1998
DEFINITION Q14811.x1 NCI_CGAP Brn25 Homo sapiens cDNA clone IMAGE:1859708 3', similar to SW:R27A_HUMAN P14798 40S RIBOSOMAL PROTEIN S27A. [1] ; mRNA sequence.

ACCESSION AI202056
VERSION
KEYWORDS
SOURCE EST.
ORGANISM Homo sapiens (human)

REFERENCE
AUTHORS NCI/NINDS-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
TITLE National Cancer Institute / National Institute of Neurological Disorders and Stroke, Brain Tumor Genome Anatomy Project (CGAP/BTGP), Tumor Gene Index

JOURNAL Unpublished (1998)
COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgabbs@email.nih.gov
Tissue Procurement: David N. Louis, M.D., Myrna R. Rosenfeld M.D., Ph.D.
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 558 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers
1..25
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1859708"
/tissue_type="anaplastic oligodendroglioma"
/lab_host="DH10B"
/clone_lib="NCI_CGAP_Brn25"
/note="Organ: brain; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGCGCATAGGTTTTTTTTTTTTTTTTTTT

T 3}], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT73 vector. Library is normalized, and was constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 6.8; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 4;

1236 ACATTCATCTCCGTATCTTAG 1258
|||||
2 AGATCTCTCTCTCTCTCTTAG 24

SULT 6
397693/c 23 bp mRNA linear EST 17-JAN-2002
CUS 5009-0-35-G01.t.1 Chilcoat/Turkewitz cDNA (large fraction)
FINITION Tetrahymena thermophila cDNA, mRNA sequence.

CESSION BM397693.1 GI:18197731
RSION EST.
YWORDS Tetrahymena thermophila
URCE Tetrahymena thermophila
ORGANISM Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.

1 (bases 1 to 23)
REFERENCE Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
AUTHORS Frankel, J. and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells

TITLE Unpublished (2002)
JOURNAL Contact: Turkewitz AP
COMMENT Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
source
1..23
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript 2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 11;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1100 GGTACCGGCCCCCTGACATC 1119
|||||
b 23 GGTACCGGCCCCCGCCACC 4

RESULT 7
Z860972 23 bp DNA linear GSS 21-FEB-2001
OCUS 2M0167A16F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
EFINITION clone UUGC2M0167A16 F, genomic survey sequence.

CESSION Z860972 GI:13056826
RSION GSS.
YWORDS Mus musculus (house mouse)
URCE Mus musculus
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 23)
REFERENCE

AUTHORS

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00
Plate: 0167 row: A column: 16

Seq primer: CGTTGTAACGACGCCAGT

Class: plasmid ends
High quality sequence stop: 23.

FEATURES

Location/Qualifiers
1..23

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0167A16"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 11;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245

Db 1 GTGTGTGGTGGTGGTGGTGG 20

RESULT 8

AZ501330

LOCUS

DEFINITION

ACCSSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

AZ501330 23 bp DNA linear GSS 05-OCT-2000
1M0340F11F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0340F11 F, genomic survey sequence.

AZ501330
AZ501330.1 GI:10682646

GSS.

Mus musculus (house mouse)

Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 23)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: dunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0340 row: F column: 11
 Seq primer: CGTTGTAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 23.
 Location/Qualifiers
 1. .23

FEATURES source

/organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0340F11"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (GII4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.9%; Score 15; DB 1; Length 23;
 Best Local Similarity 78.3%; Pred. No. 12;
 Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1541 AGGCCAGCTTCGTTCTTCGTCG 1563
 |||||
 Dt 1 AGGCCAGCTTCGTTCTTCGTTG 23

RESULT 9
 AZ832301
 LOCUS 21 bp DNA linear GSS 20-FEB-2001
 DEFINITION ZM0112F10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC2M0112F10 R, genomic survey sequence.
 ACCESSION AZ832301
 VERSION AZ832301.1 GI:13002209
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 21)
 DUNN, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

TITLE JOURNAL COMMENT

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: dunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0112 row: F column: 10
 Seq primer: CACACAGGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 21.
 Location/Qualifiers
 1. .21

FEATURES source

/organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC2M0112F10"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (GII4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.8%; Score 14.6; DB 1; Length 21;
 Best Local Similarity 81.0%; Pred. No. 12;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1640 AGCGCTGGAGGATGCCACA 1660
 |||||
 Db 1 AGATGCTGTGGGATGCCACA 21

RESULT 10
 AZ315293
 LOCUS 19 bp DNA linear GSS 29-SEP-2000
 DEFINITION 1M0032P20F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0032P20 F, genomic survey sequence.
 ACCESSION AZ315293
 VERSION AZ315293.1 GI:10362003
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 DUNN, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

TITLE
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
JOURNAL
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0455 row: A column: 24
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
1. .20
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0455A24"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 12;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 230 GTGGTGGTGGTGGCGG 245
|||||
DB 2 GTGGTGGTGGTGGTGG 17
|||||

RESULT 12
BM396331
LOCUS
DEFINITION
5009-0-2-E02.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION
BM396331
VERSION
BM396331.1 GI:18196384
KEYWORDS
EST.
SOURCE
Tetrahymena thermophila
ORGANISM
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
REFERENCE
1 (bases 1 to 19)
AUTHORS
Turkewitz, A.P., Karrier, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J. and Klobutcher, I.
TITLE
EST from Tetrahymena thermophila, strain CU428.1, growing cells
JOURNAL
COMMENT
Unpublished (2002)
Contact: Turkewitz AP

TITLE
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
JOURNAL
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0032 row: P column: 20
Seg primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0032P20"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 11;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/ 230 GTGGTGGTGGTGGCGG 245
|||||
> 2 GTGGTGGTGGTGGTGG 17
|||||

RESULT 11
Z622226
LOCUS
DEFINITION
AZ622226 20 bp DNA linear GSS 13-DEC-2000
1M0455A24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0455A24 R, genomic survey sequence.
ACCESSION
AZ622226
VERSION
AZ622226.1 GI:11744416
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, R., Stokes, R., Tingley, A., von
Niederhausern, A. and Wright, D., Weiss, R.

Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES

Location/Qualifiers

1..19
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 12;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 159 AATGACACTCCGAGGTGGC 177
|||||
Tb 1 AATGACTCACC GCGGTGGC 19

RESULT 13

AZ769047/c

LOCUS

AZ769047 19 bp DNA linear GSS 16-FEB-2001
1M0569P15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0569P15 F, genomic survey sequence.

ACCESSION

AZ769047

VERSION

AZ769047.1

KEYWORDS

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.

TITLE

Mouse whole genome scaffolding with paired end reads from 10kb

JOURNAL

Unpublished (2000)

COMMENT

Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0569 row: P column: 15
Seq primer: CGTTGTAACACGCGCCAGT
Class: plasmid ends
High quality sequence stop: 19.

FEATURES

Location/Qualifiers

1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0569P15"
/sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 14;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1538 AGGAGCCAGCCTTCGG 1554
|||||
Db 19 AGGAAGCCATCCTTCGG 3

RESULT 14

AZ850337

LOCUS

AZ850337 21 bp DNA linear GSS 21-FEB-2001
2M0152H11F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0152H11 F, genomic survey sequence.

ACCESSION

AZ850337

VERSION

AZ850337.1

KEYWORDS

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.

TITLE

Mouse whole genome scaffolding with paired end reads from 10kb

JOURNAL

Unpublished (2000)

COMMENT

Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0152 row: H column: 11
Seq primer: CGTTGTAACACGCGCCAGT
Class: plasmid ends
High quality sequence stop: 21.

FEATURES

Location/Qualifiers

1..21
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0152H11"
/sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA


```

Db      1  GCGCCCATCTTGTGTCGCC 20
||||||| 1 ||||| 11
||||||| 1 ||||| 11

RESULT 17
AI590540/c
LOCUS
DEFINITION tw11c02.x1 NCI CGAP Brn52 mRNA linear EST 14-MAY-1999
similar to TR:000599 000599 CONL.; mRNA sequence.
ACCESSION AI590540
VERSION AI590540.1 GI:4599588
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 16)
AUTHORS NCI/NIHDS-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
TITLE National Cancer Institute / National Institute of Neurological
Disorders and Stroke, Brain Tumor Genome Anatomy Project
(JCAG/BI GAP), Tumor Gene Index
JOURNAL Unpublished (1998)
COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael
R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LIML at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 353 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1
POLYA-NO..

FEATURES
source
1..16
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2259362"
/tissue_type="tumor, 5 pooled (see description)"
/lab_host="DH10B"
/clone_lib="NCI CGAP Brn52"
/notes="Organ: Brain; Vector: pCMV-SPORT6; Site 1: SalI;
Site 2: NotI; This library represents the normalized
version of NCI CGAP Brn35. Cloned unidirectionally.
Primer: Oligo dt. Average insert size 1.19 kb. Tumor
types include: meningioma, oligodendroglioma, astrocytoma
(grade II), medulloblastoma, astrocytoma (grade IV).
Constructed by Life Technologies."

Query Match 0.8%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 12;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 231 TGGTGGTGGTGGCGG 245
|||
Db 16 TGGTGGTGGTGGGGG 2
|||

RESULT 18
BM397652/c
LOCUS
DEFINITION BM397652 17 bp mRNA linear EST 17-JAN-2002
5009-0-35-E01.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM397652
VERSION BM397652.1 GI:18197705
KEYWORDS EST.
SOURCE Tetrahymena thermophila

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 14;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1100 GGTACCGCGCCCTG 1114
|||
Db 17 GGTACCGCGCCCGG 3
|||

RESULT 19
BM397132/c
LOCUS
DEFINITION BM397132 18 bp mRNA linear EST 17-JAN-2002
5009-0-29-C11.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM397132
VERSION BM397132.1 GI:18197185
KEYWORDS EST.
SOURCE Tetrahymena thermophila
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomata; Tetrahymenina; Tetrahymena.
REFERENCE 1 (bases 1 to 18)
AUTHORS Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J., and Klobutcher, L.
TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
JOURNAL Unpublished (2002)
COMMENT Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
source
1..18
Location/Qualifiers
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/notes="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 14;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1100 GGTACCGCGCCCTG 1114
|||
Db 17 GGTACCGCGCCCGG 3
|||

RESULT 19
BM397132/c
LOCUS
DEFINITION BM397132 18 bp mRNA linear EST 17-JAN-2002
5009-0-29-C11.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM397132
VERSION BM397132.1 GI:18197185
KEYWORDS EST.
SOURCE Tetrahymena thermophila
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomata; Tetrahymenina; Tetrahymena.
REFERENCE 1 (bases 1 to 18)
AUTHORS Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J., and Klobutcher, L.
TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
JOURNAL Unpublished (2002)
COMMENT Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
source
1..18
Location/Qualifiers
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/notes="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

```

Best Local Similarity 93.3%; Pred. No. 16; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches

1099 TGGTACCGGCCCT 1113
|||||
17 TGGTACCGGCCCT 3

SULT 20
670850/c
CUS
FINITION
CL670850 20 bp DNA linear GSS 09-JUL-2004
PRI0163a.B21 (20) Note: Recurring String Mixed stage
fosmid library of P. pacificus var. California Pristionchus
pacificus genomic, genomic survey sequence.
CL670850
CL670850.1 GI:50169220
GSS
Pristionchus pacificus
Pristionchus pacificus
Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.

1 (Bases 1 to 20)
Srinivasan, J., Otto, G.W., Kahlow, U., Geisler, R. and Sommer, R.J.
AppADB: an AcedB database for the nematode satellite organism

Pristionchus pacificus
Nucleic Acids Res. 32 (1), D421-D422 (2004)
Contact: Sommer RJ

Evolutionary Biology
Max-Planck-Institute for Developmental Biology
Spemannstr. 37-39, Tuebingen D-72076, Germany
Tel: 00497071601371

Fax: 00497071601498
Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech, Pasadena, USA and end
sequenced at Vancouver, Canada.

Seq primer: T7
Class: fosmid ends.
Location/Qualifiers

1..20
/organism="Pristionchus pacificus"
/mol_type="genomic DNA"
/strain="California"
/db_xref="taxon:54126"
/clone_lib="Mixed stage fosmid library of P. pacificus
var. California"
/note="Vector: pEpifos-5 Fosmid vector"

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1 1197 CCGTCCCTCTTTCC 1211
|||
b 15 CCGTCCCTCTTTCC 1

RESULT 21
Z808202
CCUS
EFINITION
A2808202 20 bp DNA linear GSS 20-FEB-2001
2M0071F15R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0071F15 R, genomic survey sequence.

CESSION
A2808202
EYWORDS
SOURCE
GSS.
Mus musculus (house mouse)

ORGANISM
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (Bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.

TITLE
JOURNAL
COMMENT

Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0071 row: F column: 15
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers

1..20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0071F15"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGG 242
|||||
Db 1 GTGGTGGTGGTGG 13

RESULT 22
BX564021/c
LOCUS
DEFINITION
BX564021 Glossina morsitans morsitans adult infected gut Glossina
morsitans morsitans cDNA clone Tsetc01_q1c, mRNA sequence.
BX564021
BX564021.1 GI:33431221
EST.
KEYWORDS
SOURCE
Glossina morsitans morsitans

ORGANISM
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Hippoboscidae; Glossinidae; Glossina.

1 (Bases 1 to 19)
Lehane, M.J., Aksoy, S., Gibson, W., Kerkhoun, A., Berriman, M.,
Hamilton, J., Soares, M.B., Bonaldo, M.F., Lehane, S. and Hall, N.

Adult midgut expressed sequence tags from the tsetse fly Glossina
morsitans morsitans and expression analysis of putative immune

REFERENCE
AUTHORS
TITLE

```

been generated in the framework of the French plant genomics
program 'Genoplate', (http://www.genoplate.com and
http://genoplate-info.infobiogen.fr).

FEATURES
    source
        1..19
            /organism="Arabidopsis thaliana"
            /mol_type="genomic DNA"
            /cultivar="Wassillewskija"
            /db_xref="taxon:3702"
            /clone="339D06"
            /clone_lib="Arabidopsis thaliana T-DNA insertion li
        misc_feature
            1..19 T-DNA flanking sequence
            left border"

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 24;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps:

QY 1518 AAAGGAGATTTCAGCTA 1533
      |||||
      16 AAAGGAGATTAGATA 1

RESULT 24
AI383415/c
LOCUS
DEFINITION
    tc97d11.x1 NCI CGAP CLL1 Homo sapiens cDNA clone IMAGE:207410
    similar to S8.Y0A8 MYCTU Q50738 HYPOTHETICAL 33.1 KD PROTEIN
    CY9C4.08C; contains MSRI.b1 MSI repetitive element ; mRNA
    sequence.
ACCESSION
    AI383415
VERSION
    AI383415.1 GI:4196196
KEYWORDS
    EST.
SOURCE
    Homo sapiens
    Homo sapiens (human)
ORGANISM
    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostei
    Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
    1 (bases 1 to 19)
    NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
    National Cancer Institute, Cancer Genome Anatomy Project (CGA
    Tumor Gene Index
    Unpublished (1997)
    Contact: Robert Strausberg, Ph.D.
    Email: cgapsb@emil.nih.gov
    Tissue Procurement: Ash Alizadeh, John Byrd, M.D., Mike Greve
    M.D., Louis M. Staudt, M.D., Ph.D.
    cDNA Library Preparation: M. Bento Soares, Ph.D.
    cDNA Library Arrayed by: Greg Lennon, Ph.D.
    DNA Sequencing by: Washington University Genome Sequencing C
    Clone distribution: NCI-CGAP clone distribution information
    found through the I.M.A.G.E. Consortium/LLNL at:
    www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
    Location/Qualifiers
        1..19
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="taxon:9606"
            /clone="IMAGE:207410"
            /tissue_type="B-cell, chronic lymphocytic leukemia"
            /lab_host="DH10B"
            /clone_lib="NCI CGAP CLL1"
            /notes="Vector: pT7T3D-Pac (Pharmacia) with a modified
            polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand
            was primed with a Not I - oligo(dT) primer [5',
            TGTTACCATCTGAGTGGAGCGGCCGATGCTTTTCTTTTCTTTTCTTTT
            T 3']; double-stranded cDNA was ligated to Eco RI
            adaptors (Pharmacia), digested with Not I and cloned
            the Not I and Eco RI sites of the modified pT7T3D vec

```


Library is normalized, and was constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

729 GGGGGCACCCCTGACCGCC 747
||||| ||| ||| ||| |||
19 GGGGGCCCCCGCCCGCCCC 1

SULT 25
696833/c
CUS
FINITION
wc74e09.x1 NCI CGAP Panl Homo sapiens cDNA clone IMAGE:324392 3'
similar to TR:Q01942 Q01942 EXTENSIN ;contains element TAR1
repetitive element ;, mRNA sequence.

CESSION
RSION
YWDRS
URCE

AI696833.1 GI:4984733

EST.
Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)
NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov
Life Technologies catalog #: 11548-013
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1542 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers

FEATURES
source

1..19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2324392"
/tissue_type="adenocarcinoma"
/lab_host="DH10B"
/clone_lib="NCI CGAP Panl"
/note="Organ: pancreas; Vector: pCMV-SPORT6; Site 1: Sall;
Site 2: NotI; Cloned unidirectionally. Primer: Oligo dt.
Average insert size 1.72 kb. Life Technologies catalog #:
11548-013"

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 555 CCTCAGCGCGCGCTCCGT 573
||||| ||| ||| ||| |||
3 19 CCTCCCCCGCTCCTCCGT 1

RESULT 26
FS42982/c
OCUS
EFINITION
S014680w-024-030-P12-SP6 MP12-ADIS-024-leaf Beta vulgaris cDNA
clone 024-030-P12 5-PRIME, mRNA sequence.
CCESION
FS42982
ERSON
EYWORDS
EST.

SOURCE
ORGANISM

Beta vulgaris
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

REFERENCE
AUTHORS

1 (bases 1 to 19)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruick,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.

TITLE

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

JOURNAL

Plant J. 32 (5), 845-857 (2002)

MEDLINE

22362189

PUBMED

COMMENT

Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de

Insert Length: 19 Std Error: 0.00

Plate: 30 row: P column: 12

Seq primer: SP6.

FEATURES
source

Location/Qualifiers
1..19
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"

/db_xref="GABI:936786"

/db_xref="taxon:161934"

/clone="024-030-P12"

/tissue_type="leaf"

/lab_host="EMDH10B"

/clone_lib="MP1Z-ADIS-024-leaf"

/note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatgut AG Einbeck, Germany, contact:
k.schulz@kws.de; cloning sites Sall-NotI, primer sites and
orientation:

SP6-Sall-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Best
Project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:<http://gabi.rzpd.de>

Query Match 0.7%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 554 CCCTCAGCGCGCGCTCCG 572

||||| ||| ||| ||| |||

Db 19 CCATCACCCCGCGTCG 1

RESULT 27

AZ406101/c

LOCUS

DEFINITION

1M017501F Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC1M017501 F, genomic survey sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausen,A. and Wright,D., Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb


```

JOURNAL
COMMENT
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddum@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0175 row: 0 column: 11
Seq primer: CGTTGTAACACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1. .19
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/db_xref="taxon:10090"
/clone="UUGC1M0175011"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1068 AAAGACATATCTCCAAATGAG 1086
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Db 19 AAAGACACACCAACAAG 1

RESULT 28
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LOCUS
DEFINITION
1M0241P18F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0241P18 F, genomic survey sequence.
ACCESSION
AZ445563
VERSION
AZ445563.1 GI:10595508
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (bases 1 to 19)
REFERENCE
AUTHORS
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
TITLE
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddum@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0241 row: P column: 18
Seq primer: CGTTGTAACACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 221 TGGATGAGAGTGTGGTGG 239
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Db 19 TGGATAGAGTGGGGAGG 1

RESULT 29
AZ485264/c
LOCUS
DEFINITION
1M0312O02R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0312002 R, genomic survey sequence.
ACCESSION
AZ485264
VERSION
AZ485264.1 GI:10650911
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (bases 1 to 19)
REFERENCE
AUTHORS
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
TITLE
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

```

COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0312 row: 0 column: 02
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCLM0312002"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCLM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

FEATURES
source

1. .20
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="HD--07-N06"
/tissue_type="callus"
/dev_stage="proliferated callus on 2M6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone_lib="OshDAC1-overexpressing transgenic rice plasmid CDNA library (HD)"
/note="vector: PCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression line."

Query Match 0.7%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 29;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCGAGTG 250
Db 2 GCGCGCGGCGGCGGCGGCG 20
RESULT 31
AI000182 16 bp mRNA linear EST 27-JUL-1998
OS45f11.s1 NCI CGAP Br2 Homo sapiens cDNA clone IMAGE1608333 3', similar to TR1Q35563 Q35563 EATRO 164 KINETOPLAST ; mRNA sequence.
AI000182
VERSION AI000182.1 GI:3190736
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 16)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: M. Bento Soares, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

/ 373 CAGGCTTCAGCCAGTCCT 391
o 19 CAGCCTCCACCCAGCTCCT 1
EST 30
F317946 20 bp mRNA linear EST 15-AUG-2003
CCUS HD--07-N06.g1 OshDAC1-overexpressing transgenic rice plasmid cDNA library (HD) Oryza sativa (japonica cultivar-group) cDNA clone HD--07-N06, mRNA sequence.
CF317946
CF317946.1 GI:33689707
EST.
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.
1 (bases 1 to 20)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, Y.-K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division

Trace considered overall poor quality
Insert Length: 3143 Std Error: 0.00
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1. .16
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/db_xref="taxon:9606"
/clone="IMAGE:1608333"
/sex="female, pooled"
/tissue_type="breast"
/lab_host="DH10B"

of Bioscience and Bioinformatics, Myongji University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnam@bio.com, bhnam@bio.myongji.ac.kr.

FEATURES
source

1. .20
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="HD--07-N06"
/tissue_type="callus"
/dev_stage="proliferated callus on 2M6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone_lib="OshDAC1-overexpressing transgenic rice plasmid CDNA library (HD)"
/note="vector: PCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression line."

Query Match 0.7%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 29;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCGAGTG 250
Db 2 GCGCGCGGCGGCGGCGGCG 20
RESULT 31
AI000182/c
LOCUS AI000182.1
DEFINITION OS45f11.s1 NCI CGAP Br2 Homo sapiens cDNA clone IMAGE1608333 3', similar to TR1Q35563 Q35563 EATRO 164 KINETOPLAST ; mRNA sequence.
ACCESSION AI000182
VERSION AI000182.1 GI:3190736
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 16)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: M. Bento Soares, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

/ 373 CAGGCTTCAGCCAGTCCT 391
o 19 CAGCCTCCACCCAGCTCCT 1
EST 30
F317946 20 bp mRNA linear EST 15-AUG-2003
CCUS HD--07-N06.g1 OshDAC1-overexpressing transgenic rice plasmid cDNA library (HD) Oryza sativa (japonica cultivar-group) cDNA clone HD--07-N06, mRNA sequence.
CF317946
CF317946.1 GI:33689707
EST.
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.
1 (bases 1 to 20)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, Y.-K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division

Trace considered overall poor quality
Insert Length: 3143 Std Error: 0.00
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1. .16
/organism="Homo sapiens"
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/clone="IMAGE:1608333"
/sex="female, pooled"
/tissue_type="breast"
/lab_host="DH10B"

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/clone lib="NCI CGAP Br2"
/notes="Vector: pT7T3D-Pac (Pharmacia) with a modified
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breast tumor tissue, and was then primed with a Not I -
cligo(dn) primer. Double-stranded cDNA was ligated to Eco
RI adaptors (Pharmacia), digested with Not I and cloned
into the Not I and Eco RI sites of the modified pT7T3
vector. This library is the normalized version of
NCI CGAP Br1.1. Library was constructed by Bento Soares
and M. Fatima Bonaldo. "
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Query Match
Best Local Similarity 0.7%; Score 12.4; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 777 CAACACGCCAACA 790
Cb 15 CAACACACCAACA 2

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+RESULT 32
LOCUS BM395110
DEFINITION 50072-2-7-E12.r.1 Chilcoat/Turkewitz cDNA (large fraction)
ACCESSION BM395110
VERSION BM395110.1 GI:18195163
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
REFERENCE Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
AUTHORS Hymenostomatida; Tetrahymenina; Tetrahymena.
TITLE Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
JOURNAL Frankel,J. and Klobutcher,L.
COMMENT EST from Tetrahymena thermophila, strain CU428.1, growing cells
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 3172
Fax: 773 702 3174
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
Location/Qualifiers
1. .16
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone lib="Chilcoat/Turkewitz cDNA (large fraction)"
/notes="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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Query Match
Best Local Similarity 0.7%; Score 12.4; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Cb 3 TGGTACGGGGCCCC 16

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+RESULT 33
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DEFINITION S01504-024-025-M13-SP6 MP1Z-ADIS-024-developing root Beta vulgaris
ACCESSION BQ593906
VERSION BQ593906.1 GI:26123489
KEYWORDS EST.
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Query Match
Best Local Similarity 0.7%; Score 12.4; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 14 ACATCCACTCTTCC 1

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+RESULT 34
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ACCESSION BM395903
VERSION BM395903.1 GI:18195956
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
REFERENCE Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
AUTHORS Hymenostomatida; Tetrahymenina; Tetrahymena.
TITLE Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
JOURNAL Frankel,J. and Klobutcher,L.
COMMENT EST from Tetrahymena thermophila, strain CU428.1, growing cells
Contact: Turkewitz AP
```

Query Match
Best Local Similarity 0.7%; Score 12.4; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1449 ACATCCACTCTTCC 1462
Db 14 ACATCCACTCTTCC 1

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+RESULT 35
LOCUS BM395903
DEFINITION 5009-0-13-G11.t.1 Chilcoat/Turkewitz cDNA (large fraction)
ACCESSION BM395903
VERSION BM395903.1 GI:18195956
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
REFERENCE Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
AUTHORS Hymenostomatida; Tetrahymenina; Tetrahymena.
TITLE Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
JOURNAL Frankel,J. and Klobutcher,L.
COMMENT EST from Tetrahymena thermophila, strain CU428.1, growing cells
Contact: Turkewitz AP
```

SOURCE Beta vulgaris
ORGANISM Beta vulgaris
REFERENCE Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
AUTHORS Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 18)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
22362189
12472698
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 18 Std Error: 0.00
Plate: 25 row: M column: 13
Seq primer: SP6; CATACGATTAGGTGACACTATAG.
Location/Qualifiers
1. .18
/organism="Beta vulgaris"
/mol_type="mRNA"
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line)"
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/clone="024-025-M13"
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/lab_host="EMDH10B"
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/notes="Vector: pCMVSPORT6; Site.1: Sali; Site.2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGGCTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match
Best Local Similarity 92.9%; Pred. No. 25;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1449 ACATCCACTCTTCC 1462
Db 14 ACATCCACTCTTCC 1

```

+RESULT 34
LOCUS BM395903/c
DEFINITION 5009-0-13-G11.t.1 Chilcoat/Turkewitz cDNA (large fraction)
ACCESSION BM395903
VERSION BM395903.1 GI:18195956
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
REFERENCE Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
AUTHORS Hymenostomatida; Tetrahymenina; Tetrahymena.
TITLE Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
JOURNAL Frankel,J. and Klobutcher,L.
COMMENT EST from Tetrahymena thermophila, strain CU428.1, growing cells
Contact: Turkewitz AP
```

(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (G[4732114]gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 28;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 232 GGTGGTGGTGGGG 245
DB 6 GGTGGTGGTGGGG 19
|||||

RESULT 36
AZ465132/132/c
LOCUS
DEFINITION
19 bp DNA linear GSS 04-OCT-2000
clone UUGC1M0274D24 R, genomic survey sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Mus musculus (house mouse)

REFERENCE
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

TITLE
JOURNAL
COMMENT
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0274 row: D column: 24
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
source
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0274D24"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA

Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
Location/Qualifiers
1. .19
/organism="Tetrahymena thermophila"
/mol_type="rRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 28;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1099 TGGTACCGCCGCC 1112
18 TGGTACCGCCGCC 5
|||||

SULT 35
381798
CUS
DEFINITION
19 bp DNA linear GSS 02-OCT-2000
clone UUGC1M0138G01 R, genomic survey sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Mus musculus (house mouse)

REFERENCE
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

TITLE
JOURNAL
COMMENT
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0138 row: G column: 01
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0138G01"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 28;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 902 TGCAACAGTGAA 915
|||||
15 TGCAACAGTGAA 2

RESULT 37
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

AW246893 17 bp mRNA linear EST 07-JAN-2000
2822293.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:282293 5',
mRNA sequence.
AW246893
AW246893.1 GI:6589886
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
NIH-MGC <http://mgi.nci.nih.gov/>.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
Other ESTs: 2822293.3prime
Contact: Robert Strausberg, Ph.D.
Email: cgapsb@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
Project Clone Distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washington Genome Center. Vector
Trimming: cross match from University of Washington Genome Center
PHRAP suite. Poly-T identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washington Genome Center:
<http://www.genome.washington.edu> Low Quality Sequence: 7 contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence.
Plate: LLCM9 row: A column: 14
High quality sequence stop: 7.
Location/Qualifiers
1. .17

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:282293"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH MGC 7"
/note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'

adaptor: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 25;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 GGCAGGAGGACCGACGAG 55
|||||
1 GGCAGGAGGACCGACGAG 17

RESULT 38
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

N78054 46 bp mRNA linear EST 28-JAN-1997
YV71905.rl Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:248216 5' similar to gb:X66363 SERINE/THREONINE-PROTEIN
KINASE PCTAIRE-1 (HUMAN); mRNA sequence.
N78054
N78054.1 GI:1240755
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 46)
Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,
Chisoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W.,
Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,
Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,
Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,
Trevasaki, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R.,
and Marra, M.

Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)
97044478
8889549
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert length: 1438 Std Error: 0.00
Seq primer: reverse ET
High quality sequence stop: 1.
Location/Qualifiers
1. .46

FEATURES
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1. .46
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3797462"
/db_xref="taxon:9606"
/clone="IMAGE:248216"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: p77T3D (Pharmacia)
with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
15' AACGGAAGAATTAAGATCTTTTCTTTTCTTTT 3',
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified p77T3 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M.Fatima Bonaldo."

Tue Nov 2 15:06:36 2004

Query Match	0.7%;	Score 12.2;	DB 1;	Length 46;	
Best Local Similarity	58.8%;	Pred. No. 52;			
Matches	20;	Conservative	0;	Mismatches	0;
			14;	Indels	0;
				Gaps	0;
362	GGGAGAGTGCACGAGCTTCAGCCACGCTCCTCGGA	395			
38	GGGAGAGTGAACATGGCTCAGGCGGTAGGCAGA	5			
SULT 39					
154875					
CUS	16 bp	EST 30-SEP-1998			
FINITION	u80f04.x1 Soares mammary_gland NMLMG Mus musculus cDNA clone				
	IMAGE:1477183 5' similar to TR:O14557 P25965_1 ; mRNA				
	sequence.				
CESSION	AI154875	GI:3683344			
RSION	AI154875				
YWORDS	EST.				
URCE	Mus musculus (house mouse)				
ORGANISM	Mus musculus				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.				
	1 (bases 1 to 16)				
PERENCE	Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T.,				
AUTHORS	Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M.,				
	Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B.,				
	Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and				
	Waterston, R.				
	The WashU-HMI Mouse EST Project				
	Unpublished (1996)				
TITLE	Contact: Marra M/Mouse EST Project				
JOURNAL	WashU-HMI Mouse EST Project				
MENT	Washington University School of MedicineP				
	4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108				
	Tel: 314 286 1800				
	Fax: 314 286 1810				
	Email: mouseest@watson.wustl.edu				
	This clone is available royalty-free through LML; contact the				
	IMAGE Consortium (info@image.llnl.gov) for further information.				
	MGI:925539				
	Seq primer: -28ml3 rev2 ET from Amersham				
	High quality sequence stop: 1.				
ATURES	Location/Qualifiers				
source	1..16				
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	/mol_type="mRNA"				
	/db_xref="taxon:10090"				
	/clone="IMAGE:1477183"				
	/sex="female (lactating)"				
	/tissue_type="mammary gland"				
	/lab_host="DH10B"				
	/clone_lib="Soares mammary gland NMLMG"				
	/notes="Vector: pT73D-Pac (Pharmacia) with a modified				
	polylinker; 1st strand cDNA was prepared from mammary				
	gland tissue from a lactating female, and was then primed				
	with a Not I - oligo(dT) primer. Double-stranded cDNA was				
	ligated to Eco RI adaptors (Pharmacia), digested with Not				
	I and cloned into the Not I and Eco RI sites of the				
	modified pT73 vector. Library is normalized. Library				
	was constructed by Bento Soares and M. Fatima Bonaldo."				
Query Match	0.7%;	Score 11.8;	DB 1;	Length 16;	
Best Local Similarity	86.7%;	Pred. No. 26;			
Matches	13;	Conservative	0;	Mismatches	0;
			2;	Indels	0;
				Gaps	0;
Y	1183 GAGATGCCACAGGC 1197				
b	1 GAGATGCCAAGCC 15				
RESULT 40					
AI564678					
JOCUS	16 bp	mRNA	linear	EST 14-MAY-1999	
DEFINITION	u80f04.x1 Soares mammary_gland NMLMG Mus musculus cDNA clone				
	IMAGE:1477183 5' similar to TR:O14557 P25965_1 ; mRNA				
	sequence.				
ACCESSION	AI154875	GI:3683344			
VERSION	AI154875				
KEYWORDS	EST.				
SOURCE	Mus musculus (house mouse)				
ORGANISM	Mus musculus				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.				
	1 (bases 1 to 16)				
REFERENCE	Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T.,				
AUTHORS	Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M.,				
	Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B.,				
	Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and				
	Waterston, R.				
	The WashU-HMI Mouse EST Project				
	Unpublished (1996)				
TITLE	Contact: Marra M/Mouse EST Project				
JOURNAL	WashU-HMI Mouse EST Project				
COMMENT	Washington University School of MedicineP				
	4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108				
	Tel: 314 286 1800				
	Fax: 314 286 1810				
	Email: mouseest@watson.wustl.edu				
	This clone is available royalty-free through LML; contact the				
	IMAGE Consortium (info@image.llnl.gov) for further information.				
	MGI:925539				
	Seq primer: -28ml3 rev2 ET from Amersham				
	High quality sequence stop: 1.				
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	/mol_type="mRNA"				
	/db_xref="taxon:10090"				
	/clone="IMAGE:1477183"				
	/sex="female (lactating)"				
	/tissue_type="mammary gland"				
	/lab_host="DH10B"				
	/clone_lib="Soares mammary gland NMLMG"				
	/notes="Vector: pT73D-Pac (Pharmacia) with a modified				
	polylinker; 1st strand cDNA was prepared from mammary				
	gland tissue from a lactating female, and was then primed				
	with a Not I - oligo(dT) primer. Double-stranded cDNA was				
	ligated to Eco RI adaptors (Pharmacia), digested with Not				
	I and cloned into the Not I and Eco RI sites of the				
	modified pT73 vector. Library is normalized. Library				
	was constructed by Bento Soares and M. Fatima Bonaldo."				
Query Match	0.7%;	Score 11.8;	DB 1;	Length 16;	
Best Local Similarity	86.7%;	Pred. No. 26;			
Matches	13;	Conservative	0;	Mismatches	0;
			2;	Indels	0;
				Gaps	0;
Y	1183 GAGATGCCACAGGC 1197				
b	1 GAGATGCCAAGCC 15				
RESULT 40					
AI564678					
JOCUS	16 bp	mRNA	linear	EST 14-MAY-1999	
DEFINITION	u80f04.x1 Soares mammary_gland NMLMG Mus musculus cDNA clone				
	IMAGE:1477183 5' similar to TR:O14557 P25965_1 ; mRNA				
	sequence.				
ACCESSION	AI154875	GI:3683344			
VERSION	AI154875				
KEYWORDS	EST.				
SOURCE	Mus musculus (house mouse)				
ORGANISM	Mus musculus				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.				
	1 (bases 1 to 16)				
REFERENCE	Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T.,				
AUTHORS	Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M.,				
	Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B.,				
	Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and				
	Waterston, R.				
	The WashU-HMI Mouse EST Project				
	Unpublished (1996)				
TITLE	Contact: Marra M/Mouse EST Project				
JOURNAL	WashU-HMI Mouse EST Project				
COMMENT	Washington University School of MedicineP				
	4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108				
	Tel: 314 286 1800				
	Fax: 314 286 1810				
	Email: mouseest@watson.wustl.edu				
	This clone is available royalty-free through LML; contact the				
	IMAGE Consortium (info@image.llnl.gov) for further information.				
	MGI:925539				
	Seq primer: -28ml3 rev2 ET from Amersham				
	High quality sequence stop: 1.				
FEATURES	Location/Qualifiers				
source	1..16				
	/organism="Mus musculus"				
	/mol_type="mRNA"				
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	/clone="IMAGE:1477183"				
	/sex="female (lactating)"				
	/tissue_type="mammary gland"				
	/lab_host="DH10B"				
	/clone_lib="Soares mammary gland NMLMG"				
	/notes="Vector: pT73D-Pac (Pharmacia) with a modified				
	polylinker; 1st strand cDNA was prepared from mammary				
	gland tissue from a lactating female, and was then primed				
	with a Not I - oligo(dT) primer. Double-stranded cDNA was				
	ligated to Eco RI adaptors (Pharmacia), digested with Not				
	I and cloned into the Not I and Eco RI sites of the				
	modified pT73 vector. Library is normalized. Library				
	was constructed by Bento Soares and M. Fatima Bonaldo."				
Query Match	0.7%;	Score 11.8;	DB 1;	Length 16;	
Best Local Similarity	86.7%;	Pred. No. 26;			
Matches	13;	Conservative	0;	Mismatches	0;
			2;	Indels	0;
				Gaps	0;
Y	1183 GAGATGCCACAGGC 1197				
b	1 GAGATGCCAAGCC 15				
RESULT 40					
AI564678					
JOCUS	16 bp	mRNA	linear	EST 14-MAY-1999	
DEFINITION	u80f04.x1 Soares mammary_gland NMLMG Mus musculus cDNA clone				
	IMAGE:1477183 5' similar to TR:O14557 P25965_1 ; mRNA				
	sequence.				
ACCESSION	AI154875	GI:3683344			
VERSION	AI154875				
KEYWORDS	EST.				
SOURCE	Mus musculus (house mouse)				
ORGANISM	Mus musculus				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.				
	1 (bases 1 to 16)				
REFERENCE	Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T.,				
AUTHORS	Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M.,				
	Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B.,				
	Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and				
	Waterston, R.				
	The WashU-HMI Mouse EST Project				
	Unpublished (1996)				
TITLE	Contact: Marra M/Mouse EST Project				
JOURNAL	WashU-HMI Mouse EST Project				
COMMENT	Washington University School of MedicineP				
	4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108				
	Tel: 314 286 1800				
	Fax: 314 286 1810				
	Email: mouseest@watson.wustl.edu				
	This clone is available royalty-free through LML; contact the				
	IMAGE Consortium (info@image.llnl.gov) for further information.				
	MGI:925539				
	Seq primer: -28ml3 rev2 ET from Amersham				
	High quality sequence stop: 1.				
FEATURES	Location/Qualifiers				
source	1..16				
	/organism="Mus musculus"				
	/mol_type="mRNA"				
	/db_xref="taxon:10090"				
	/clone="IMAGE:1477183"				
	/sex="female (lactating)"				
	/tissue_type="mammary gland"				
	/lab_host="DH10B"				
	/clone_lib="Soares mammary gland NMLMG"				
	/notes="Vector: pT73D-Pac (Pharmacia) with a modified				
	polylinker; 1st strand cDNA was prepared from mammary				
	gland tissue from a lactating female, and was then primed				
	with a Not I - oligo(dT) primer. Double-stranded cDNA was				
	ligated to Eco RI adaptors (Pharmacia), digested with Not				
	I and cloned into the Not I and Eco RI sites of the				
	modified pT73 vector. Library is normalized. Library				
	was constructed by Bento Soares and M. Fatima Bonaldo."				
Query Match	0.7%;	Score 11.8;	DB 1;	Length 16;	
Best Local Similarity	86.7%;	Pred. No. 26;			
Matches	13;	Conservative	0;	Mismatches	0;
			2;	Indels	0;
				Gaps	0;
Y	1183 GAGATGCCACAGGC 1197				
b	1 GAGATGCCAAGCC 15				
RESULT 40					
AI564678					
JOCUS	16 bp	mRNA	linear	EST 14-MAY-1999	
DEFINITION	u80f04.x1 Soares mammary_gland NMLMG Mus musculus cDNA clone				
	IMAGE:1477183 5' similar to TR:O14557 P25965_1 ; mRNA				
	sequence.				
ACCESSION	AI154875	GI:3683344			
VERSION	AI154875				
KEYWORDS	EST.				
SOURCE	Mus musculus (house mouse)				
ORGANISM	Mus musculus				
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.				
	1 (bases 1 to 16)				
REFERENCE	Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T.,				
AUTHORS	Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M.,				
	Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B.,				
	Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and				
	Waterston, R.				
	The WashU-HMI Mouse EST Project				
	Unpublished (1996)				
TITLE	Contact: Marra M/Mouse EST Project				
JOURNAL	WashU-HMI Mouse EST Project				
COMMENT	Washington University School of MedicineP				
	4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108				
	Tel: 314 286 1800				
	Fax: 314 286 1810				
	Email: mouseest@watson.wustl.edu				
	This clone is available royalty-free through LML; contact the				
	IMAGE Consortium (info@image.llnl.gov) for further information.				
	MGI				

```

of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
22363535
PUBMED
12446565
REFERENCE
2 (bases 1 to 16)
DIRECT SUBMISSION
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).
FEATURES
    source
        1..16
            /organism="Arabidopsis thaliana"
            /mol_type="genomic DNA"
            /cultivar="Wassillewskija"
            /db_xref="taxon:3702"
            /clone="366A04"
            /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
    misc_feature
        1..16
            /note="T-DNA flanking sequence
            left border"

Query Match
Best Local Similarity 0.7%; Score 11.8; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 682 ACAGACACCTTG 696
D 16 AAAGACACATTG 2

RESULT 42
LOCUS
BM399385
DEFINITION
5009-0-57-Col.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION
BM399385
VERSION
BM399385.1 GI:18199438
KEYWORDS
EST.
SOURCE
Tetrahymena thermophila
ORGANISM
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
REFERENCE
1 (bases 1 to 17)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J., and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
CONTACT: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
FEATURES
    source
        1..17
            /organism="Tetrahymena thermophila"
            /mol_type="mRNA"
            /strain="CU428.1"
            /db_xref="taxon:5911"
            /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"

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/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match
Best Local Similarity 0.7%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 164 CACTCGGAGGTGCC 178
D 1 CAATCGCGGTGCC 15

RESULT 43
LOCUS
AJ598419
DEFINITION
Arabidopsis thaliana T-DNA flanking sequence, right border, clone
468B04, genomic survey sequence.
ACCESSION
AJ598419
VERSION
AJ598419.1 GI:37948047
KEYWORDS
GSS; right border; T-DNA flanking sequence.
SOURCE
Arabidopsis thaliana (thale cress)
ORGANISM
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.
REFERENCE
1
Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F.,
Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G.,
Lepiniec, L., Caboche, M. and Lecharny, A.
T-DNA integration into the Arabidopsis genome depends on sequences
of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
22363535
PUBMED
12446565
REFERENCE
2 (bases 1 to 18)
Balzergue, S.
DIRECT SUBMISSION
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).
FEATURES
    source
        1..18
            /organism="Arabidopsis thaliana"
            /mol_type="genomic DNA"
            /cultivar="Wassillewskija"
            /db_xref="taxon:3702"
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            /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
    misc_feature
        1..18
            /note="T-DNA flanking sequence
            right border"

Query Match
Best Local Similarity 0.7%; Score 11.8; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1686 CATCTTCCTGCTTA 1700
D 4 CATTTGCCCTGCTTA 18

RESULT 44

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196800/c
JUS
INITIATION
BM396800 13 bp mRNA linear EST 17-JAN-2002
5009-0-25-D03.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
SESSION
BM396800
WORDS
EST.
BM396800.1 GI:18196853
Tetrahymena thermophila
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymena; Tetrahymena.
1 (bases 1 to 13)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E.,
Frankel, J., and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3
Location/Qualifiers
1..13
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
FEATURES
source
Query Match 0.7%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 20;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1308 CAAGCATACAC 1320
||| |||||
Db 1 CAACACATACAC 13
||| |||||

RESULT 46
BM396717/c
LOCUS
DEFINITION
5009-0-24-E06.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION
BM396717.1 GI:18196770
VERSION
EST.
KEYWORDS
Tetrahymena thermophila
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymena; Tetrahymena.
REFERENCE
1 (bases 1 to 16)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E.,
Frankel, J., and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3
Location/Qualifiers
1..16
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
FEATURES
source
Query Match 0.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1308 CAAGCATACAC 1320
||| |||||
Db 1 CAACACATACAC 13
||| |||||

1100 GGTACCGGCCCC 1112
||||| |||||
13 GGTACCGGCCCC 1

RESULT 45
JUS
543283
INITIATION
CF543283 13 bp mRNA linear EST 22-SEP-2003
S014680-024-030-D02-SP6 MP12-ADIS-024-leaf Beta vulgaris cDNA clone
024-030-D02 5-PRIME, mRNA sequence.
ACCESSION
CF543283
WORDS
EST.
CF543283.1 GI:34891723
Beta vulgaris
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 13)
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
ADIS DNA core facility at MP12
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00

```


QY 1100 GGTACCGGGCCCC 1112
 |||||
 Db 15 GGTACCGGGCCCC 3

RESULT 47
 BM396718/c
 LOCUS
 DEFINITION 5009-0-24-E06.t.2 Chilcoat/Turkewitz cDNA (large fraction) EST 17-JAN-2002
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM396718
 VERSION BM396718.1 GI:18196771
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E.,
 Frankel, J. and Klobutcher, L.
 TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
 JOURNAL Unpublished (2002)
 COMMENT Contact: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374
 Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

FEATURES
 source
 1. .16
 /organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /note="Vector: Bluescript2 SK+; Details on library
 preparation can be found in Chilcoat and Turkewitz (2001)
 Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 31;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
 |||||
 Db 15 GGTACCGGGCCCC 3

RESULT 48
 BM398398/c
 LOCUS
 DEFINITION 5009-0-45-A08.t.2 Chilcoat/Turkewitz cDNA (large fraction) EST 17-JAN-2002
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM398398
 VERSION BM398398.1 GI:18198451
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E.,
 Frankel, J. and Klobutcher, L.
 TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
 JOURNAL Unpublished (2002)
 COMMENT Contact: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374

Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

FEATURES
 source
 1. .16
 Location/Qualifiers

/organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /note="Vector: Bluescript2 SK+; Details on library
 preparation can be found in Chilcoat and Turkewitz (2001)
 Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 31;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
 |||||
 Db 15 GGTACCGGGCCCC 3

RESULT 49
 BM399771/c
 LOCUS
 DEFINITION 5009-0-61-C04.t.1 Chilcoat/Turkewitz cDNA (large fraction) EST 17-JAN-2002
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM399771
 VERSION BM399771.1 GI:18199824
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E.,
 Frankel, J. and Klobutcher, L.
 TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
 JOURNAL Unpublished (2002)
 COMMENT Contact: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374
 Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

FEATURES
 source
 1. .16
 Location/Qualifiers

/organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /note="Vector: Bluescript2 SK+; Details on library
 preparation can be found in Chilcoat and Turkewitz (2001)
 Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 31;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
 |||||
 Db 15 GGTACCGGGCCCC 3

RESULT 50
 BM395627/c
 LOCUS
 DEFINITION 5009-0-1-E05.t.2 Chilcoat/Turkewitz cDNA (large fraction) EST 17-JAN-2002
 Tetrahymena thermophila cDNA, mRNA sequence.

JOURNAL
COMMENT

Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
source

Location/Qualifiers
1..17
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: BlueScript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
CY 1100 GGTACCGGCCCC 1112
DB 16 GGTACCGGCCCC 4

RESULT 54

A1202056/c

LOCUS

DEFINITION A1202056 25 bp mRNA linear EST 01-DEC-1998
GI48411.x1 NCI_CGAP_Brn25 Homo sapiens cDNA clone IMAGE:1859708 3',
similar to SW:R27A_HUMAN P14798 40S RIBOSOMAL PROTEIN S27A. [1] ;,
mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

EST. A1202056.1 GI:3754662
Homo sapiens (human)
Eukaryota; Chordata; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 25)
NCI/MINDS-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute / National Institute of Neurological
Disorders and Stroke, Brain Tumor Genome Anatomy Project
(CGAP/BRGAP), Tumor Gene Index
Unpublished (1998)

JOURNAL

COMMENT

Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: David N. Louis, M.D., Myrna R. Rosenfeld M.D.,
Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaldi, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 558 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.

FEATURES

source

Location/Qualifiers
1..25
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/lab_host="DH10B"
/clone_lib="NCI_CGAP_Brn25"

/note="Organ: brain; Vector: p773D-Pac (Pharmacacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5',
TGTACCAATCTGAGTCGAGCGCCATAGGTTTTTTTTTTTTTTTTTTT
T 3']; double-stranded cDNA was ligated to Eco RI
adaptors (Pharmacacia), digested with Not I and cloned into
the Not I and Eco RI sites of the modified p773 vector.
Library is normalized, and was constructed by Bento
Soares and M.Fatima Bonaldi."

Query Match 0.7%; Score 11.4; DB 1; Length 25;
Best Local Similarity 71.4%; Pred. No. 65;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
CY 121 GCCATGGATCGATGAAGAAG 141
DB 25 GCTAAGAAAGGAAGAAG 5

RESULT 55

AJ595030

LOCUS

DEFINITION AJ595030 16 bp DNA linear GSS 15-JAN-2004
Arabidopsis thaliana T-DNA flanking sequence, left border, clone
410A08, genomic survey sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

AJ595030.1 GI:37944654
GSS; left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.

REFERENCE

AUTHORS

1 Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F.,
Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G.,
Lepiniec, L., Caboche, M. and Lecharny, A.
T-DNA integration into the Arabidopsis genome depends on sequences
of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)

JOURNAL

MEDLINE

PUBMED

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Submitted (23-Oct-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
<http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (<http://www.genoplante.com> and
<http://genoplante-info.infobiogen.fr>).

FEATURES

source

Location/Qualifiers
1..16
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/mol_type="genomic DNA"
/cultivar="Massillowskija"
/db_xref="taxon:3702"
/clone="410A08"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
1..16
/note="T-DNA flanking sequence
left border"

misc_feature

Query Match

Best Local Similarity

Matches

0.6%; Score 11.2; DB 1; Length 16;
81.2%; Pred. No. 34;
13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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1497 CACTACTTCATATT 1512
      | ||||| |||
      1 CTCCTACTTCTTTT 16

$ULT 56
396548/c
CUS
FUSION Arabidopsis thaliana T-DNA flanking sequence, left border, clone
        16 bp DNA linear GSS 15-JAN-2004
AJ596548 Arabidopsis thaliana T-DNA flanking sequence.
          AJ59H06 genomic survey sequence.
          CESSION
          RSION
          YWORDS GGS; left border; T-DNA flanking sequence.
          URCE Arabidopsis thaliana (thale cress)
          ORGANISM Arabidopsis thaliana
                  Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
                  Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
                  rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.
          REFERENCE
          AUTHORS Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,
                  Chauvin,S., Bechtold,N., Cruaud,C., DeRose,R., Pelletier,G.,
                  Lepiniec,L., Caboche,M. and Lecharry,A.
                  T-DNA integration into the Arabidopsis genome depends on sequences
                  of pre-insertion sites
                  EMBO Rep. 3 (12), 1152-1157 (2002)
          JOURNAL
          MEDLINE 2363535
          PUBMED 12446565
          REFERENCE
          AUTHORS Balzerque,S.
          TITLE Direct Submission
          JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
                  Gaston Cremieux, 91057 Evry cedex, FRANCE
                  PCR was performed on DNA from transformants of Arabidopsis thaliana
                  plants from INRA (Versailles). The DNA fragment(s) resulting from
                  the PCR were directly sequenced from the left or the right border
                  to determine the genomic sequence flanking the insertion. T-DNA
                  derived sequences were removed. Information to order the
                  corresponding mutant line and a link to a database providing a
                  graphical display of the insertion site are available at
                  http://dbgap.versailles.inra.fr/publiclines/. This sequence has
                  been generated in the framework of the French plant genomics
                  program 'Genoplatte' (http://www.genoplatte.com and
                  http://www.genoplatte.com and
                  http://genoplatte-info.infobiogen.fr/).
          FEATURES
          source 1..16
              /organism="Arabidopsis thaliana"
              /mol_type="genomic DNA"
              /cultivar="Wasillewska"
              /db_xref="taxon:3702"
              /clone="435H06"
              /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
          misc_feature 1..16
              /note="T-DNA flanking sequence
              left border"
              Query Match 0.6%; Score 11.2; DB 1; Length 16;
              Best Local Similarity 81.2%; Pred.No. 34;
              Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1056 GTCAATCCCAACAAG 1071
      ||||| |||
      b 16 GTCACCCCCACAAAG 1

ESULT 57
M396999
OCUS BM396999
EFINITION 5009-0-28-A01.t.2 Chilcoat/Turkewitz cDNA (large fraction)
          Tetrahymena thermophila cDNA, mRNA sequence.
          CCSSION
          ERSION BM396999.1 GI:18197052
          EWORDS EST.
          SOURCE Tetrahymena thermophila
    
```

/note="Vector: PCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match
Best Local Similarity 0.6%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 153 GCTGTCGAATGACATC 168
|||||
Db 17 GCTGTCGAACGATACG 2

RESULT 59
LOCUS
DEFINITION
PST2437-NL.Seg MICB1 Mus musculus genomic clone PST2437-NL.Seg
similar to Rps19, genomic survey sequence.

ACCESSION
CL436162
VERSION
CL436162.1 GI:45570661

KEYWORDS
GSS.

SOURCE
Mus musculus (house mouse)

ORGANISM

REFERENCE
Hicks,G.G.
TITLE
www.Escells.ca

JOURNAL
Unpublished (2002)

COMMENT

Contact: Hicks GG

Mammalian Functional Genomics Centre

Manitoba Institute of Cell Biology, University of Manitoba

ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada

Tel: 204 787 2133

Fax: 204 787 2190

Email: hicksgg@cc.umanitoba.ca

UNNeoSV1 gene trap. Tag generated by plasmid rescue. Additional
sequence information and target gene cloning can be generated. ES
cell line harboring insertion mutation of target gene is available.
Sequence analysis available from
http://140.193.242.7/esdb/public_search_frame.php?PST=PST2437-NL.Se

Class: Gene Trap.

Location/Qualifiers

1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="129 sv"
/db_xref="taxon:10090"
/clone="PST2437-NL.Seg"
/sex="Male"
/cell_type="Embryonic stem cell"
/cell_line="D3H (J1 subclone)"
/clone_lib="MICB1"
/note="Vector: U3NeoSV1"

Query Match
Best Local Similarity 0.6%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 15 AGGATGACAGGAATG 30
|||||
Db 16 AGGAAGGACCAAGCATG 1

RESULT 60
LOCUS
DEFINITION
BQ595471
R012691-024-022-C18-SP6 MP1Z-ADIS-024-developing root Beta vulgaris
cDNA clone 024-022-C18 5-PRIME, mRNA sequence.

ACCESSION
BQ595471
VERSION
BQ595471.1 GI:26125054

KEYWORDS
EST.

SOURCE
ORGANISM

Beta vulgaris
Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

REFERENCE
AUTHORS

1 (bases 1 to 13)

Herwig,R., Schulz,B., Weishaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.

TITLE

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)

JOURNAL
MEDLINE

PUBMED

COMMENT

12472698

Contact: Weishaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weishaar@mpiz-koeln.mpg.de

Insert Length: 13 Std Error: 0.00

Plate: 22 row: C column: 18

Seq primer: SP6; CATACGATTTAGGTGACACTATAG.

FEATURES

source

1..13
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"

/db_xref="GABI:191389"

/db_xref="taxon:161934"

/clone="024-022-C18"

/tissue_type="developing root"

/lab_host="EMD110B"

/clone_lib="MPIZ-ADIS-024-developing root"

/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatgut AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-SalI-CCAGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing carried in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match
Best Local Similarity 100.0%; Pred. No. 24;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1264 CCAACTGAGGA 1274
|||||

Db 3 CCAACTGAGGA 13

RESULT 61
CF306911

LOCUS

DEFINITION

CF306911
HDAL--05-D06.g1 OSHDAC1-overexpressing transgenic rice lambda phage
cDNA library I (HDAL) Oryza sativa (japonica cultivar-group) cDNA
clone HDAL--05-D06, mRNA sequence.

ACCESSION

VERSION

CF306911.1 GI:33678672

KEYWORDS

EST.

SOURCE

ORGANISM

Oryza sativa (japonica cultivar-group)

Oryza sativa (japonica cultivar-group)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;

Ehrhartoideae; Oryzaceae; Oryza.

1 (bases 1 to 14)

REFERENCE

AUTHORS

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

TITLE

Large-scale Sequencing Analysis of Rice ESTs

```

JOURNAL Unpublished (2003)
COMMENT Contact: Nam B.H.
          Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
          of Bioscience and Bioinformatics, Myongui University
          Yongin, Kyeonggi, Korea
          Tel: 82 31 330 6193
          Fax: 82 31 321 6355
          Email: bnamh@gbio.com, bnamh@bio.myongji.ac.kr.
          Location/Qualifiers
            1. 14
              /organism="Oryza sativa (japonica cultivar-group)"
              /mol_type="mRNA"
              /cultivar="Nackdong"
              /db_xref="taxon:39947"
              /clone="HDA1--05-D06"
              /tissue_type="callus"
              /dev_stage="proliferated callus on 2N6 media for 2 weeks"
              /lab_host="E.coli SOLR"
              /clone_lib="OSHDA1-overexpressing transgenic rice lambda
              phage cDNA library 1 (HDA1)"
              /note="Vector: pBluescript SK(+); Site 1: EcoRI; Site 2:
              XhoI; Callus was treated with ABA(20um) for 1hour. cDNA
              was inserted into lambda Uni-ZAP XR vector at 5' end with
              EcoRI and 3' end with XhoI site. mRNA was derived from
              rice Histone Deacetylase overexpression line."
            Query Match 0.6%; Score 11; DB 1; Length 14;
            Best Local Similarity 100.0%; Pred. No. 28;
            Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

            333 GCACGAGGACT 343
              |||||
              1 GCACGAGGACT 11

RESULT 62
LOCUS AW059513.1 15 bp mRNA linear EST 23-AUG-2000
DEFINITION HUTH.best.dnc15.final.cluster_2 (36) DNC15 Homo sapiens cDNA
            similar to ribosomal protein S17, mRNA sequence.
VERSION AW059513
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 15)
AUTHORS Brenner,S., Williams,S.R., Verma,S.E.H., Storck,T., Moor,K.,
          McCollum,C., Mao,J.I., Kirchner,J.J., Eletr,S., DuBridge,R.B.,
          Burcham,T. and Albrecht,G.
          In vitro cloning of complex mixtures of DNA on microbeads: Physical
          separation of differentially expressed cDNAs
          Proc. Natl. Acad. Sci. U.S.A. 97 (4), 1665-1670 (2000)
JOURNAL 20144098
MEDLINE 10677516
PUBMED Contact: Burcham TS
          LYNX Therapeutics, Inc.
          25861 Industrial Blvd., Hayward, CA 94545, USA
          Tel: 510 670 9338
          Fax: 510 670 9302
          Email: timb@lynxgen.com
          Sequence obtained from LYNX Therapeutics Megasort technology.
          Collected from the down-regulated gate. Consensus sequence of 36
          sequences in cluster.
          High quality sequence stop: 15.
          Location/Qualifiers
            1. 15
              /organism="Homo sapiens"
              /mol_type="mRNA"
              /db_xref="taxon:9606"
              /cell_type="monocytic leukemia"
              /cell_line="THP-1 (TIB-202)"

FEATURES
source
  1. 16
    /organism="Zea mays"
    /mol_type="genomic DNA"
    /strain="W22 (ACR, bz1-m9)"
    /cultivar="UniformMu"
    /db_xref="taxon:4577"
    /clone="01S0557-03A1-H04"
    /clone_lib="UniformMu MUTAIL Library"
    /notes="Vector: TOPO-PCR4; DNA flanking Mu transposon
    insertions in Mu inactive lines were extracted from the
    UniformMu maize population by the thermo asymmetric
    interlaced PCR (TAIL) protocol using primers specific for
    the Mu terminal inverted repeat and a set of 16 arbitrary
    primers. Amplicons were size enriched using Sepharose 400
    spin columns and cloned into the TOPO PCR4 vector."

    Query Match 0.6%; Score 11; DB 1; Length 16;
    Best Local Similarity 100.0%; Pred. No. 38;
    Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

    QY 232 GGTGGTGGTGG 242
    Db 1 GGTGGTGGTGG 11

RESULT 64
LOCUS CF298986/c 14 bp mRNA linear EST 15-AUG-2003
DEFINITION 7LEAF--02-M03.g1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
          sativa (japonica cultivar-group) cDNA clone 7LEAF--02-M03, mRNA
          sequence.
  
```

```

ACCESSION   CF298986
VERSION     CF298986.1  GI:33670747
KEYWORDS    EST.
SOURCE      Oryza sativa (japonica cultivar-group)
ORGANISM    Oryza sativa (japonica cultivar-group)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Ehrhartoideae; Oryzeae; Oryza.
REFERENCE   1 (bases 1 to 14)
AUTHORS     Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
            Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
TITLE       Large-scale Sequencing Analysis of Rice ESTs
JOURNAL     Unpublished (2003)
COMMENT     Contact: Nahm B.H.
            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
            of Bioscience and Bioinformatics, Myongji University
            Yongin, Kyeonggi, Korea
            Tel: 82 31 330 6193
            Fax: 82 31 321 6355
            Email: bnhnm@ggbio.com, bnhnm@bio.myongji.ac.kr.

FEATURES             source
     source
     1..14
         /organism="Oryza sativa (japonica cultivar-group)"
         /mol_type="mRNA"
         /cultivar="Nackdong"
         /db_xref="taxon:39947"
         /clone="7LEAF--02-M03"
         /tissue_type="leaf"
         /dev_stage="7 days after germination"
         /lab_host="E.coli DH10B"
         /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
         /note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped
         with oligoribonucleotides and then used as templates for
         RT-PCR."

Query Match      0.6%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 153 GCTGTCATGACAC 166
      |||||
Db 14 GCTGTCAACGATAC 1

RESULT 65
CF299461/c
LOCUS       CF299461.1 14 bp mRNA linear EST 15-AUG-2003
DEFINITION Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--03-H22, mRNA
sequence.
ACCESSION   CF299461
VERSION     CF299461.1  GI:33671222
KEYWORDS    EST.
SOURCE      Oryza sativa (japonica cultivar-group)
ORGANISM    Oryza sativa (japonica cultivar-group)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Ehrhartoideae; Oryzeae; Oryza.
REFERENCE   1 (bases 1 to 14)
AUTHORS     Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
            Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
TITLE       Large-scale Sequencing Analysis of Rice ESTs
JOURNAL     Unpublished (2003)
COMMENT     Contact: Nahm B.H.
            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
            of Bioscience and Bioinformatics, Myongji University
            Yongin, Kyeonggi, Korea
            Tel: 82 31 330 6193
            Fax: 82 31 321 6355
            Email: bnhnm@ggbio.com, bnhnm@bio.myongji.ac.kr.

FEATURES             source
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     1..14
         /organism="Oryza sativa (japonica cultivar-group)"
         /mol_type="mRNA"
         /cultivar="Nackdong"
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         /clone="7LEAF--03-H22"
         /tissue_type="leaf"
         /dev_stage="7 days after germination"
         /lab_host="E.coli DH10B"
         /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
         /note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped
         with oligoribonucleotides and then used as templates for
         RT-PCR."

Query Match      0.6%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 153 GCTGTCATGACAC 166
      |||||
Db 14 GCTGTCAACGATAC 1

RESULT 66
AJ647870/c
LOCUS       AJ647870.1 15 bp mRNA linear EST 07-JUL-2004
DEFINITION CSEQRAN19 Sus scrofa cDNA clone C0003260_019, mRNA
sequence.
ACCESSION   AJ647870
VERSION     AJ647870.1  GI:49324715
KEYWORDS    EST.
SOURCE      Sus scrofa (pig)
ORGANISM    Sus scrofa
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
REFERENCE   1 (bases 1 to 15)
AUTHORS     Anderson,S.I., Finlayson,H.A. and Archibald,A.L.
TITLE       Development of cDNA and EST resources for studying reproduction and
            embryo development in pigs and cattle
JOURNAL     Unpublished (2004)
COMMENT     Contact: Anderson SI
            Genomics and Bioinformatics
            Roslin Institute
            Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
            Single pass sequencing. Bases called and trimmed with phred
            v0.020425.c. Vector identified by cross_match with the -minscore 20
            and -mismatch 12 options. Vector:pBlueScriptII(KS) R. Site1: EcoRI
            R. Site2: NotI 5' Seq Primer M13F Normalised library constructed
            from pooled ovaries. Clones available from UK Centre for Functional
            Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK,
            EH25 9PS, www.ark-genomics.org.

FEATURES             source
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         /organism="Sus scrofa"
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         /db_xref="taxon:9823"
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         /clone_lib="CSEQRAN19"
         /note="Vector: pBlueScriptII(KS+); Site 1: EcoRI; Site 2:
         NotI; Single pass sequencing; Normalised library
         constructed from pooled ovaries"

Query Match      0.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 134 TGAAGAAGATCAAA 147
      |||||
Db 15 TGAGGAGGATCAAA 2

RESULT 67
CF330961/c
LOCUS       CF330961.1 15 bp mRNA linear EST 18-AUG-2003

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ACCESSION   CF298986
VERSION     CF298986.1  GI:33670747
KEYWORDS    EST.
SOURCE      Oryza sativa (japonica cultivar-group)
ORGANISM    Oryza sativa (japonica cultivar-group)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Ehrhartoideae; Oryzeae; Oryza.
REFERENCE   1 (bases 1 to 14)
AUTHORS     Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
            Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
TITLE       Large-scale Sequencing Analysis of Rice ESTs
JOURNAL     Unpublished (2003)
COMMENT     Contact: Nahm B.H.
            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
            of Bioscience and Bioinformatics, Myongji University
            Yongin, Kyeonggi, Korea
            Tel: 82 31 330 6193
            Fax: 82 31 321 6355
            Email: bnhnm@ggbio.com, bnhnm@bio.myongji.ac.kr.

FEATURES             source
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         /mol_type="mRNA"
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         /dev_stage="7 days after germination"
         /lab_host="E.coli DH10B"
         /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
         /note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped
         with oligoribonucleotides and then used as templates for
         RT-PCR."

Query Match      0.6%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 153 GCTGTCATGACAC 166
      |||||
Db 14 GCTGTCAACGATAC 1

RESULT 65
CF299461/c
LOCUS       CF299461.1 14 bp mRNA linear EST 15-AUG-2003
DEFINITION Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--03-H22, mRNA
sequence.
ACCESSION   CF299461
VERSION     CF299461.1  GI:33671222
KEYWORDS    EST.
SOURCE      Oryza sativa (japonica cultivar-group)
ORGANISM    Oryza sativa (japonica cultivar-group)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Ehrhartoideae; Oryzeae; Oryza.
REFERENCE   1 (bases 1 to 14)
AUTHORS     Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
            Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
TITLE       Large-scale Sequencing Analysis of Rice ESTs
JOURNAL     Unpublished (2003)
COMMENT     Contact: Nahm B.H.
            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
            of Bioscience and Bioinformatics, Myongji University
            Yongin, Kyeonggi, Korea
            Tel: 82 31 330 6193
            Fax: 82 31 321 6355
            Email: bnhnm@ggbio.com, bnhnm@bio.myongji.ac.kr.

FEATURES             source
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         /mol_type="mRNA"
         /cultivar="Nackdong"
         /db_xref="taxon:39947"
         /clone="7LEAF--03-H22"
         /tissue_type="leaf"
         /dev_stage="7 days after germination"
         /lab_host="E.coli DH10B"
         /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
         /note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped
         with oligoribonucleotides and then used as templates for
         RT-PCR."

Query Match      0.6%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 153 GCTGTCATGACAC 166
      |||||
Db 14 GCTGTCAACGATAC 1

RESULT 66
AJ647870/c
LOCUS       AJ647870.1 15 bp mRNA linear EST 07-JUL-2004
DEFINITION CSEQRAN19 Sus scrofa cDNA clone C0003260_019, mRNA
sequence.
ACCESSION   AJ647870
VERSION     AJ647870.1  GI:49324715
KEYWORDS    EST.
SOURCE      Sus scrofa (pig)
ORGANISM    Sus scrofa
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
REFERENCE   1 (bases 1 to 15)
AUTHORS     Anderson,S.I., Finlayson,H.A. and Archibald,A.L.
TITLE       Development of cDNA and EST resources for studying reproduction and
            embryo development in pigs and cattle
JOURNAL     Unpublished (2004)
COMMENT     Contact: Anderson SI
            Genomics and Bioinformatics
            Roslin Institute
            Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
            Single pass sequencing. Bases called and trimmed with phred
            v0.020425.c. Vector identified by cross_match with the -minscore 20
            and -mismatch 12 options. Vector:pBlueScriptII(KS) R. Site1: EcoRI
            R. Site2: NotI 5' Seq Primer M13F Normalised library constructed
            from pooled ovaries. Clones available from UK Centre for Functional
            Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK,
            EH25 9PS, www.ark-genomics.org.

FEATURES             source
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         /organism="Sus scrofa"
         /mol_type="mRNA"
         /db_xref="taxon:9823"
         /clone="C0003260_019"
         /tissue_type="ovary"
         /clone_lib="CSEQRAN19"
         /note="Vector: pBlueScriptII(KS+); Site 1: EcoRI; Site 2:
         NotI; Single pass sequencing; Normalised library
         constructed from pooled ovaries"

Query Match      0.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 134 TGAAGAAGATCAAA 147
      |||||
Db 15 TGAGGAGGATCAAA 2

RESULT 67
CF330961/c
LOCUS       CF330961.1 15 bp mRNA linear EST 18-AUG-2003

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INITIATION NACL--06-007.g1 Rice callus plasmid cDNA library (NACL) Oryza sativa (japonica cultivar-group) cDNA clone NACL--06-007, mRNA sequence.

SESSION CF330961 1 GI:33810144

STRON

WORDS

ORCE

ORGANISM Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.

REFERENCE 1 (bases 1 to 15)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)

JOURNAL Contact: Nahm B.H.

MENT Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongji University

Yongin, Kyonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

FEATURES
source
1. .15
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="NACL--06-007"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone_lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match 0.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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RESULT 68

SESSION AJ591895 1 GI:37941519

STRON

WORDS

ORCE

ORGANISM Arabidopsis thaliana

REFERENCE 1
Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A. T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites

JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)

MEDLINE 22363535

PUBMED 12446565

REFERENCE 2 (bases 1 to 15)
Balzergue, S.
Direct Submission

TITLE Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue

AUTHORS

COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante-info.infobiogen.fr>).

COMMENT Gaston Cremieux, 91057 Evry cedex, FRANCE
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FEATURES
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/note="T-DNA flanking sequence
left border"

misc_feature
1. .15

Query Match 0.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1439 ATGCCATGAACAT 1452
|||||||

DB 1 ATGCCATGAACAT 14

RESULT 69

SESSION AJ599290 1 GI:37948918

STRON

WORDS

ORCE

ORGANISM Arabidopsis thaliana

REFERENCE 1
Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A. T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites

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FEATURES
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/note="T-DNA flanking sequence
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Query Match 0.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1439 ATGCCATGAACAT 1452
|||||||

DB 1 ATGCCATGAACAT 14

RESULT 69

SESSION AJ599290 1 GI:37948918

STRON

WORDS

ORCE

ORGANISM Arabidopsis thaliana

REFERENCE 1
Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A. T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites

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misc_feature
1..15
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Wassiliewskija"
/db_xref="taxon:3702"
/clone="484D02"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
/note="T-DNA flanking sequence
left border"
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Best Local Similarity 85.7%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 500 TGCCTGAGGGCTAC 513
    |||||
Db 2 TGACTGATGGCTAC 15
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